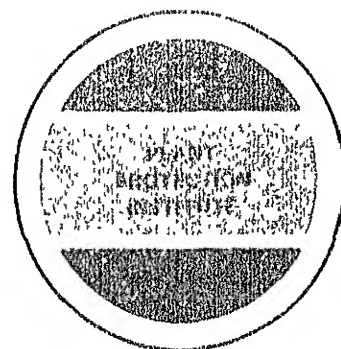


NEMATODOLOGY LITERATURE LIST

1974

ARS NE-8-2
February 1976



CONTENTS

General Interest	2
Nematode Species	2
Nematode Hosts	10
Biology of Nematodes	13
Ecology	23
Disease Associations	27
Host-Parasite Relations	32
Resistance	42
Biological Control	45
Cultural Control	48
Chemical Control	51
Miscellaneous Control	60
Methodology	60
Miscellaneous (Compilations, Reports, Surveys, Distribution, etc.).	63

NEMATOTOLOGY LITERATURE LIST

1974

By Virginia Harrington^{1/}

This list records 752 publications reviewed by the Nematology Laboratory (formerly Nematology Investigations) during the calendar year 1974. Fourteen headings divide the list according to subject matter. Each reference has been listed only once, under the category considered most appropriate.

Most citations were indexed from the original publications or reprints forwarded to us through the courtesy of the authors. Others were indexed from journals of abstracts, while a few were listed from the bibliographies and literature citations of published papers.

^{1/} Nematology Laboratory, Plant Protection Institute, Northeastern Region, Agricultural Research Service, U.S. Department of Agriculture, Beltsville, Maryland 20705.

GENERAL INTEREST

- Anon. 1974. Protecting crops and the environment. Finding safer ways to control weeds, diseases, and nematodes. Agriculture Information Bulletin 368:p.1.
- Carr, T. W. A. 1969-1972. Report of Research Station. Trinidad & Tobago Coconut Research Limited. 1-37.
- Cherevkova, D. S. and T. I. Denisova. 1972. Southern root-knot nematode Meloidogyne incognita in greenhouse of Odessa region. All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. p.151.
- Esser, R. P. 1974. Pine cystoid nematode (Meloidodera floridensis). Fla. Dept. of Agr. & Consumer Serv. 12:1 page.
- Heyns, Juan. 1974. An evaluation of present-day tendencies in nematode classification. (Abstract). XII Simposio Internacional De Nematologia. 45-46.
- Jones, F. G. W. 1973. Nematology Department. Rep. Rothamsted Exp. Stn., Part 1. 149-166.
- Karapetyan, D. A. 1972. Root-knot nematodes in greenhouses of the Armenian SSR. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 137-138.
- Krall, E. L. and O. Z. Metlitskii. 1972. On development of nematology in foreign countries. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 19-22.
- Oostenbrink, M. 1973. Report to the Government of India on plant nematology. Food and Agriculture Organization of the United Nations. 1-19.
- Sakchiev, A. 1972. Results of the study of root-knot nematodes - parasites of vegetables, melons, and weeds in Turkmenia. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 135-137.
- Wouts, W. M. 1973. The national nematode collection of New Zealand. New Zealand Journal of Science 16(1):3-8.

NEMATODE SPECIES

- Ahmad, Shakil. 1972. Nematodes of paddy. I. Two new species of the genus Hirschmanniella Luc & Goodey, 1963. Indian J. Nematol. 2(2): 117-122.

- Ali, S. Mehdi and M. J. Prabha. 1973. Studies on the genera Sicaguttur Siddiqi, 1970 and Indodorylaimus n. gen. (Nematoda:Dorylaimoidea). *Nematologica* 19(4):481-490.
- Ali, S. Sharafat and A. Coomans. 1974. Electron microscope studies on the cuticle of Hoplolaimus indicus (Nematoda:Hoplolaimidae). (Abstract). XII Simposio Internacional De Nematologia. 91-92.
- Ali, S. Sharafat, M. Shamim Jairajpuri, and A. Coomans. 1973. Nematodes of high altitudes in India. IV. Two new species of Belondiridae Thorne, 1939 (Dorylaimida). *Nematologica* 19(4):498-507.
- Altherr, Edmond. 1974. Les nematodes du sous-sol graveleuxsabloneux des rives de al Fulda (Hesse) et de la Weser inferieure. *Bull. Soc. Vaud. Sc. Nat.* 72(344):19-35.
- _____. 1974. Nematodes de la nappe phreatique du reseau fluvial de la Saale (Thuringe) II. *Limnologica* 9(1):81-132.
- Anderson, R. V. 1974. Canadian species of the genus Helicotylenchus Steiner, 1945 (Nematoda:Hoplolaimidae), their identifying characteristics and descriptions of three new species. *Canadian J. Zoology* 52(11):1365-1381.
- Argo, Anne-Dorothee and Juan Heyns. 1973. New and little known species of the nematode families Monhysteridae and Tripylidae from South Africa. *Phytophylactica* 5:149-154.
- Baqri, Qaiser H. and M. Shamim Jairajpuri. 1974. Nematodes of high altitudes in India. V. Five new species of the genus Enchodelus Thorne, 1939 (Dorylaimida). *Nematologica* 20(2):131-146.
- Baqri, Samer Z. and M. Shamim Jairajpuri. 1972. Studies on Mononchida of India. VI. Some observations on the morphology of Mononchus aquaticus Coetzee, 1968 with remarks on its status. *Indian J. Nematol.* 2(2):105-116.
- Bedding, R. A. 1974. Five new species of Deladenus (Neotylenchidae) entomophagous-mycetophagous nematodes parasitic in siricid woodwasps. *Nematologica* 20(2):204-225.
- Bird, Alan F. 1974. Suppression of embryogenesis and hatching in Meloidogyne javanica by thermal stress. *J. Nematol.* 6(2):95-99.
- Bird, Alan F. and M. S. Buttrose. 1974. Ultrastructural changes in the nematode Anguina tritici associated with anhydrobiosis. *J. Ultrastructure Research* 48:177-189.
- Bird, G. W. and Ch. Hogger. 1974. Anal peg of Hoplolaimus columbus. *Nematologica* 20(1):p.103.

- Ellis, P. R. and J. J. Hesling. 1974. Morphology of cysts of isolates of Heterodera rostochiensis and H. pallida. *Nematologica* 20(2):226-241.
- Eroshenko, A. S. 1972. New records of the genus Anguina in Primorye territory. (Abstract). All-Union Lening Academy of Agriculture Sciences. All-Union Skryabin Inst. of Agric. 45-46.
- Esser, R. P. and V. G. Perry. 1974. A diagnostic compendium of the genus Meloidogyne (Nematoda:Heteroderidae). (Abstract). *J. Nematol.* 6(4):p.139.
- Fassuliotis, George. 1974. A description of males of Hoplolaimus columbus. *J. Nematol.* 6(3):116-118.
- Fortuner, Renaud. 1973. Description de Pratylenchus sefaensis n. sp. et de Hoplolaimus clarissimus n. sp. (Nematoda:Tylenchida). *Cahiers O.R.S.T.O.M. Serie Biologie.* 21:25-34.
- Fortuner, Renaud and Joseph Amougou. 1973. Tylenchorhynchus gladiolatus n. sp. (Nematoda:Tylenchida), nematode associe aux cultures du Senegal et de Gambie. *Cahiers O.R.S.T.O.M. Serie Biologie.* 21:21-24.
- Fotedar, D. N. and R. Mahajan. 1972. Two new nematode species (Nothotylenchidae) from Kashmir. *Indian J. Nematol.* 2(2):169-172.
- Geraert, E. 1974. The usefulness of the tail in nematodes. (Abstract). XII Simposio Internacional De Nematologia. p.32.
- Germani, Gaetano and Michel Luc. 1973. Contribution a l'etude du genre Hemicycliphora De Man, 1921 (Nematoda:Tylenchida) comportant la description de cinq nouvelles especes. *Cahiers O.R.S.T.O.M. Serie Biologie.* 67-84.
- Golden, A. M. 1974. Meloidogyne incognita: a single, homogenous species or a complex of two or more taxa? (Abstract). *J. Nematol.* 6(4):p.141.
- Golden, A. Morgan and Harold J. Jensen. 1974. Nacobbodera chitwoodi, n. gen., n. sp. (Nacobbidae:Nematoda) on Douglas fir in Oregon. *J. Nematol.* 6(1):30-37.
- de Grisse, A. 1974. The structure of the cuticle of the body annules in Hoplolaimidae, as compared with other Tylenchids. (Abstract). XII Simposio Internacional De Nematologia. p.32.
- de Grisse, A. T., P. L. Lippens, and A. Coomans. 1974. The cephalic sensory system of Rotylenchus robustus and a comparison with some other Tylenchids. *Nematologica* 20(1):88-95.

Hesling, J. J. and P. R. Ellis. 1974. The fenestralia of Heterodera rostochiensis and H. pallida. *Nematologica* 20(1):43-51.

Heyns, J. and R. H. G. Harris. 1973. Dolichodorus brevistilus n. sp. (Tylenchida) a plant parasitic nematode found in sugarcane fields in Natal. *Phytophylactica* 5:123-126.

Himmelhoch, S., M. Kisiel, J. Lavimoniere, and B. M. Zuckerman. 1973. Fine structure of young, adult Turbatrix acetii. *Nematologica* 19(4): 449-454.

Hoffman, J. K. 1974. Discocriconemella inaratus n. sp. and Criconemoides inusitatus n. sp. (Nematoda) from Iowa. *J. Nematol.* 6(4):210-214.

Högger, Ch. and G. W. Bird. 1974. Secondary male sex characteristics of Hoplolaimus galeatus. *J. Nematol.* 6(1):12-16.

Hunt, D. J. and N. G. M. Hague. 1974. A redescription of Parasitaphelenchus oldhami Rühm, 1956 (Nematoda:Aphelenchoidea). A parasite of two elm bark beetles: Scolytus scolytus and S. multistriatus, together with some notes on its biology. *Nematologica* 20(2):174-180.

Ivanova, T. S. and V. K. Kankina. 1972. Ectoparasitic nematodes of the family Longidoridae/Thorne, 1935/Meyl, 1960 in Tadzhikistan. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 215-216.

Kaktina, D. K. 1972. Nematode cysts in soils of the Latvian SSR. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 94-95.

Khan, E. and C. K. Nanjappa. 1972. Tylenchorhynchus nordiensis nomen novum for T. aerolatus Khan and Nanjappa, 1971. *Indian J. Nematol.* 2(2):p.216.

Khan, Shahid Hasan. 1974. Taxonomic notes on the family Leptonchidae Thorne, 1935, with a proposal for Neoleptonchus n. g. (Nematoda: Leptonchoidea). (Abstract). XII Simposio Internacional De Nematologia. 44-45.

Kirjanova, E. S. 1972. Nematodes of the family Heteroderidae in the USSR. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 12-13.

Kirjanova, E. S. and E. L. Krall. 1974. Taxonomic status of the potato cyst nematode-Heterodera/Globodera/rostochiensis/Wollenweber,

1923/Skarbilovich, 1959. (Abstract). Academy of Sciences of the Estonian SSR. Inst. of Zoology and Botany, Ministry of Agric. All-Union Lenin Academy Tartu. 39-43.

Kirjanova, E. S. and E. E. Poghossian. 1973. A redescription of Meloidoderita Kirjanovae Poghossian, 1966 (Nematoda:Meloidoderitidae, fam. n.). Parazitologiya 7(3):280-285.

Kisiel, M. J., S. Himmelhoch, J. M. Castillo, and B. M. Zuckerman. 1974. Fine structure of the intestine of Pratylenchus penetrans. Nematologica 20(2):262-264.

Knobloch, Natalie A. 1972. Description of the male Cephalenchus leptus (Siddiqi, 1963) Golden, 1971 with notes on the presence of vulval flaps in the females. Indian J. Nematol. 2(2):202-204.

Kreis, H. A. 1973. Beiträge zur Kenntnis parasitischer nematoden XXVIII. Zwei neue oxyuren aus dem warzen schwein-Phacochoerus aethiopicus Sonderabdruck aus dem Schweizer Archiv für Tierheilkunde. 115(4):175-183.

Laughlin, C. W., J. A. Lugthart, and J. M. Vargas, Jr. 1974. Observations on the emergence of Heterodera iri from the egg. J. Nematol. 6(2):100-101.

Lee, D. L. 1970. The ultrastructure of the cuticle of adult female Mermis nigrescens (Nematoda). J. Zool. Lond. 161:513-518.

_____. 1974. Observations on the ultrastructure of a cephalic sense organ of the nematode Mermis nigrescens. J. Zool. Lond. 173: 247-250.

Lippens, P. L. 1974. Cytology of hypodermal glands and associated neurons in Chromadorina. (Abstract). XII Simposio Internacional De Nematologia. p.61.

Lippens, P. L., A. Coomans, A. T. de Grisse, and A. Lagasse. 1974. Ultrastructure of the anterior body region in Aporcelaimellus obtusicaudatus and A. obscurus. Nematologica 20(2):242-256.

Loof, P. A. A. 1973. Freshwater nematodes from Suriname collected by J. Van Der Land. Zoologische Verhandelingen 129:3-46.

Luc, Michel. 1973. Redescription de Xiphinema hallei Luc, 1958 et description de six nouvelles especes de Xiphinema Cobb, 1893 (Nematoda: Dorylamioidea). Cahiers O.R.S.T.O.M. Serie Biologie. 21:45-65.

Luc, M. and A. Dalmasso. 1974. Presentation of a "lattice" or polytomous key for the determination of Xiphinema species (Nematoda: Dorylaimoidea). (Abstract). XII Simposio Internacional De Nematologia. p.62.

Luc, Michel, Gaetano Germani, and Caspar Netscher. 1973. Description de Sarisodera africana n. sp. et considerations sur less relations entre les genres Sarisodera Wouts and Sher, 1971 et Heterodera A. Schmidt, 1871 (Nematoda:Tylenchida). Cahiers O.R.S.T.O.M. Serie Biologie. 21:35-43.

McLeod, R. W. and G. T. Khair. 1973. Mlae intersexes in Meloidogyne thamesi. Nematologia 19(4):561-562.

Maggenti, A. R., W. H. Hart, and G. A. Paxman. 1973. A new genus and species of gall forming nematode from Danthonia californica, with a discussion of its life history. Nematologica 19(4):491-497.

Malí, Vasant R. and David J. Hooper. 1973. Observations on Longidorus euonymus n. sp. and Xiphinema vuittenezi Luc et al., 1964 (Nematoda: Dorylaimida) associated with spindle trees infected with Euonymus mosaic virus in Czechoslovakia. Nematologica 19(4):459-467.

Meagher, J. W. 1974. The morphology of the cereal cyst nematode (Heterodera avenae) in Australia. Nematologica 20(1):1-8.

Mohandas, C. 1972. First report of the males of Sporonchulus ibitensis (Carvalho, 1951) Andrassy, 1958 (Nematoda:Mylenchulidae). Indian J. Nematol. 2(2):204-206.

Mulvey, Roland H. 1974. Cone-top morphology of the white females and cysts of the genus Heterodera (subgenus Heterodera), a cyst-forming nematode. Canadian J. Zoology 52(1):77-81.

Nair, Pankajam and A. Coomans. 1974. The genus Axonchium (Nematoda: Belondiridae) IV. Species with vaginal sclerotization (Part 2). Nematologica 20(1):69-87.

Nikitin, V. S. 1972. Nematodes of the genus Heterodera, in the Ukrainian SSR. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 95-96.

Obiamiwe, B. A. and W. W. MacDonald. 1973. A new parasite of mosquitoes, Reesimermis muspratti sp. nov. (Nematoda:Mermithidae), with notes on its life-cycle. Annals of Tropical Medicine and Parasitology 67(4):439-444.

- Pogosyan, E. E. 1972. Investigation of nematodes of the family Heteroderidae in the Armenian SSR. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 130-131.
- Poinar, Jr., George O. and Roberta Hess. 1974. Anatomy of the pre-parasitic stage of Hydromermis conopophaga (Mermithidae:Nematoda). J. Nematol. 6(2):67-74.
- Prabha, M. J. 1973. Mehdilaimus aurangabadensis n. gen., n. sp. (Axonolaimidae:Cylindrolaiminae) from Marathwada, India. Nematologica 19(4):477-480.
- Rashid, A. and Abrar M. Khan. 1972. Two new species of the genus Helicotylenchus Steiner, 1945 from India, with a redescription of H. solani Rashid, 1972 (Nematoda:Hoplolaiminae). Indian J. Nematol. 2(2):123-128.
- Robbins, R. T. and Hedwig Hirschmann. 1974. Variation among populations of Belonolaimus longicaudatus. J. Nematol. 6(2):87-94.
- Robertson, W. M. 1974. Nervous organization of the feeding apparatus in Longidorus leptocephalus. (Abstract). XII Simposio Internacional De Nematologia. p.86.
- Romanenko, N. D. 1972. A polytomic principle for determination of nematodes of the family Longidoridae. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 212-213.
- Romero, Maria D. 1974. Morphology and distribution of the species of Heterodera in Spain. (Abstract). XII Simposio Internacional De Nematologia. p.87.
- Sagitov, A. O. 1973. Dolichodorus kirjanovae n. sp. (Nematoda: Dolichodoridae). Parazitologiya 7(5):423-426.
- Saltukoglu, M. Emel. 1974. The identity of Quinisulcius goodeyi (Marinari, 1962) Siddiqi, 1971. Nematologica 20(2):p.261.
- Seymour, Malcolm K. and Audrey M. Shepherd. 1974. Cell junctions acting as intestinal valves in nematodes. J. Zool. Lond. 173:517-523.
- Sher, S. A. 1974. Sauertylechus labiodiscus n. gen. n. sp. from Australia (Nematoda:Tylenchorhynchinae). J. Nematol. 6(1):37-40.
- Sher, S. A. and A. H. Bell. 1974. The morphology of the face view of Tylenchoidae (Nematoda) as seen with the scanning electron microscope. (Abstract). XII Simposio Internacional De Nematologia. p.93.

Shlepetene, J. A. 1972. On nematodes in the mires of the Lithuanian SSR. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 68-69.

Siddiqi, I. A. and D. R. Viglierchio. 1974. Ultrastructure of the esophageal region of the marine nematode, Deontostoma californicum. (Abstract). J. Nematol. 6(4):p.152.

Smith, J. M. 1974. Ultrastructure of the hemizonid. J. Nematol. 6(1):53-55.

Sturhan, D. 1970. Intraspezifische variabilität und mutationen bei nematoden. Proc. IX Int. Nem. Symposium Warsaw 1967. Zeszyty Problemowe Postepow Nauk Rolniczych. 92:209-220.

_____ 1970. Studies on the inheritance of pathogenic and morphologic characteristics in the plant parasitic nematode Ditylenchus dipsaci. J. Parasitol. 56(II):474-475.

_____ 1970. On the problem of sibling species in nematodes. J. Parasitol. 56(II):p.335.

Sumenkova, N. I. 1972. On the system of nematodes of the family Neotylenchidae/Thorne, 1941/Thorne, 1949. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. p.209.

Tarjan, A. C. and J. J. Frederick. 1974. Morphological variability of two Pratylenchus species in populations originating from single females. (Abstract). XII Simposio Internacional De Nematologia. 96-97.

Taylor, C. E. and W. M. Robertson. 1974. Ultrastructure of the musculature of the feeding appartatus in Longidorus, and Xiphinema, with reference to species differences in Longidorus. (Abstract). XII Simposio Internacional De Nematologia. 100-101.

Thorne, Gerald. 1974. Nematodes of the Northern Great Plains Part II. Dorylaimoidea in part (Nematoda:Adenophorea). Agricultural Experiment Station South Dakota State University, Brookings, South Dakota. 41:3-120.

Timm, R. W. 1974. A redescription of the marine nematodes of Schackleton's Antarctic expedition of 1907-09. (Abstract). XII Simposio Internacional De Nematologia. p.101.

Upadhyay, K. D., G. Swarup, and C. L. Sethi. 1972. Tylenchorhynchus vulgaris sp. n. associated with maize roots in India, with notes on its embryology and life history. Indian J. Nematol. 2(2):129-138.

- Verma, R. S. 1973. Two new species in the subfamily Longidorinae (Nematoda) from Uttar Pradesh, India, with a key to species of Paralongidorus Siddiqi et al., 1963. Zoologischer Anzeiger 190(3/4): 170-174.
- Van Waerebeke, Daniel and Michel Remillet. 1973. Deux especes malgaches de Thelastomatidae (Nematoda) appartenant a un genre nouveua: Jarryella tsimbazazae gen. et sp. nov. et Jarryella ataenii sp. nov. Cahiers O.R.S.T.O.M. Serie Biologie. 21:103-110.
- Wouts, W. M. 1974. The classification of the 15 Heterodera species most common to Germany based on characters in the larvae. (Abstract). XII Simposio Internacional De Nematologia. 110-111.
- Wouts, W. M. and B. Weischer. 1973. The authority of the subfamily name Heteroderinae. Nematologica 19(4):563-565.
- Wright, K. A. 1974. The fine structure of the esophagus of some trichuroid nematodes. II. The buccal capsule and anterior esophagus of Capillaria hepatica (Bancroft, 1893). Canadian J. Zoology 52(1):47-58.
- Wright, K. A. and J. Chan. 1974. A sense organ in the ventral anterior body wall of the nematode Capillaria hepatica (Bancroft, 1893). Canadian J. Zoology 52(1):21-22.
- Yakubovich, T. N. and M. A. Matveeva. 1972. On the morphology of cysts of the potato cyst eelworm. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 92-94.
- NEMATODE HOSTS
- Adam, A. V. 1974. 5. Fruits: Bananas, mangoes, oranges, and other citrus. Bananas (Musa spp.). Handbook of Plant Introduction in Tropical Crops. FAO of the United Nations. 93:48-55.
- Anon. 1974. New cereal pest identified in oats. NEWS U.S. Department of Agriculture 2716-74. 1 page.
- _____. 1974. Distribution of the golden nematode. FAO Plant Protection Bulletin 22(1):p.28.
- Brown, R. H. and A. D. Rovira. 1974. The cereal cyst nematode (Heterodera avenae) in Victoria: Control by soil fumigation. XII Simposio Internacional De Nematologia. p.18.
- Efremenko, V. P. and Kh. S. Burshtein. 1972. Potato tuber nematode and its control in the Lithuanian SSR. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 97-99.

Efremenko, V. P. 1973. Situation and perspectives in the potato cyst nematode investigation in the USSR. (Abstract). Academy of Sciences of the Estonian SSR, Inst. of Zoology & Botany, Ministry of Agric. All-Union-Lenin Academy, Tartu. 6-10.

Gonzalez R., Hector and Primo Accatino L. 1974. Estudio preliminar del comportamiento y reaccion de diferentes variedades de papas frente al "nematodo de la raiz" (Meloidogyne incognita acrita) Chitwood, 1949. Notas Cientificas 34(3):177-181.

Grujicic, G. and M. Paunovic. 1974. Common presence of Heterodera schachtii and Meloidogyne naasi on the sugar beet. (Abstract). XII Simposio Internacional De Nematologia. p.36.

Grujicic, G. 1974. A contribution to the study of the stem eelworm, Ditylenchus dipsaci, on tobacco plant. (Abstract). XII Simposio Internacional De Nematologia. 34-35.

Gupta, Pramila and J. C. Edward. 1974. Some economically important new hosts of Heterodera vigni in Uttar Pradesh, India. Plant Dis. Reprtr. 58(4):345-347.

Iverson, Leo G. K. 1972. Golden nematode--infestation found in Mexico. American Potato Journal 49(7):p.281.

Janarthanan, R. 1972. Occurrence of the pigeon pea cyst nematode in Tamil Nadu. Indian J. Nematol. 2(2):p.215.

Jaworski, C. A., B. B. Brodie, N. C. Glaze, S. M. McCarter, J. M. Good, and R. E. Webb. 1973. Research studies on field production of tomato transplants in southern Georgia. Agricultural Research Service, United States Dept. of Agriculture in Cooperation with Georgia Coastal Plain Exp. Sta., Univ. of Georgia. 148:1-58.

Karimova, S. M. 1972. On investigation of nematodes of rice and maize in the Uzbek SSR. (Abstract). All-Union Lening Academy of Agriculture Sciences. All-Union Skryabin Inst. of Agric. 40-41.

Kerry, B. R. and N. G. M. Hague. 1974. The invasion and development of the cereal cyst-nematode, Heterodera avenae in the roots of autumn- and spring-sown cereals. Ann. appl. Biol. 78(3):319-330.

Kikas, L. 1972. On distribution of the potato tuber nematode in the Estonian SSR. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. p.122.

Korunic, Zlatko. 1974. Study of the cabbage nematode (Heterodera cruciferae, Franklin) a new cabbage pest in Yugoslavia. Institute for Plant Protection, Faculty of Agric. University of Zagreb, Kaciceva 9, Yugoslavia. 118 pages.

- Krall, E. 1971. Distribution of the nematode Anguina radicicola Greeff in Estonia with new host plant records. Eesti NSV Teaduste Akadeemia Loodustuurijate Selts Faunistilisi Markmeid. 277-280.
- Krall, E. and H. Krall. 1971. The willow cyst nematode Heterodera salixophila Kirjanova) in Estonia. Eesti Nsv Teaduste Akadeemia Loodusuuijate Selts Faunistilisi Markmeid. 285-287.
- Lima, M. B. 1974. Xiphinema italiae Meyl, 1953 (Nematoda: Dorylaimida) found around roots of grapevine in Portugal. Agron. Lusitana 35(3):273-276.
- Lordello, Luiz Gonzaga E. and Pedro Roberto Marini. 1974. Alguns nematoides parasitos de plantas do Rio Grande do sul. Separata Da Revista De Agricultura. XLIX(1):15-18.
- Luc, M. and C. Netscher. 1974. Presence of the sugar-beet nematode at Dakar. FAO Plant Protection Bulletin 22(1):24-25.
- McElroy, F. D. 1974. Nematodes and red raspberry decline in British Columbia, Canada. (Abstract). XII Simposio Internacional De Nematologia. 69-71.
- Marks, C. F. and J. L. Townshend. 1972. Multiplication of the root lesion nematode Pratylenchus penetrans under orchard cover crops. Can. J. Plant Sci. 53:187-188.
- Martinez, Angelo Artur. 1972. Nota sobre os nematoides que atacam a seringueira no estado de Sao Paulo. Separata Da Revista De Agricultura XLVII(3-4):159-160.
- Mathur, B. N., H. C. Arya, R. L. Mathur, and D. K. Handa. 1974. The occurrence of biotypes of the cereal cyst nematode (Heterodera avenae) in the light soils of Rajasthan and Haryana, India. Nematologica 20(1):19-26.
- Matveeva, M. A. 1972. Distribution of the potato cyst eelworm in the USSR. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 77-78.
- O'Bannon, J. H. 1974. Momordica charantia, a new host of Radopholus similis. Plant Dis. Repr. 58(6):p.561.
- Rõtsep, L. P. and A. P. Ehamaa. 1973. The potato cyst nematode in the Estonian SSR. (Abstract). Academy of Sciences of the Estonian SSR. Inst. of Zoology & Botany, Ministry of Agric. All-Union Lenin Academy Tartu. 23-25.

- Reynolds, Harold W., John H. O'Bannon, and Edward L. Nigh. 1974. The citrus nematode and its control in the southwest. Agricultural Research Service, U.S. Dept. of Agric. in cooperation with Arizona Exp. Stn. 1478:1-15.
- Shepshelev, Z. G. 1972. Potato tuber nematode and its control in the central zone of the Russian federation. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 96-97.
- Singh, N. D. 1974. Nematode pests of sugarcane new to Trinidad, Plant Dis. Repr. 58(2):p.122.
- Skarbilovich, T. S. 1972. Nematodes on flax and their distribution in Moscow region. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 127-129.
- Taylor, D. P. and B. W. Ngundo. 1973. The citrus root nematode Tylenchulus semipenetrans from Tanzania with notes on its known distribution in Kenya. East African Agricultural and Forestry Journal XXXVIII(4):407-409.
- Winfield, A. L. 1974. Damage of roses by Longidorus macrosoma. Plant Dis. Repr. 58(10):913-914.

BIOLOGY OF NEMATODES

- Azizova, E. P. 1972. Nematode fauna in the vineyards of Tashkent region. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. p.232.
- Bachthaler, G. and P. Behringer. 1973. Ertragsleistungen und befall mit zystenbildenden nematoden bei verschiedenen Feldfrüchten im langjährigen Daueranbau. Z. Acker-und Pflanzenbau. 138:21-38.
- Badalkhodzhayev, I. 1971. Embryology of the gall nematode - Meloidogyne javanica (Tylenchida, Heteroderidae). Zool. Zhurnal. L(II):1621-1631.
- Badalkhodzhaev, I. B. 1972. Embryonic development of the nematode Rhabditis elegans. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 231-232.
- Baines, R. C., J. W. Cameron, and R. K. Soost. 1974. Four biotypes of Tylenchulus semipenetrans in California identified, and their importance in the development of resistant citrus rootstocks. J. Nematol. 6(2):63-66.

Balakanich, S. and M. R. Samoiloff. 1974. Development of nematode behavior: sex attraction among different strains of the free-living Panagrellus redivivus. Canadian J. Zoology 52(7):835-845.

Balbaeva, Z. A. 1972. On phytohelminthological investigations in Kazakhstan. (Abstract). All-Union Lening Academy of Agriculture Sciences. All-Union Skryabin Inst. of Agric. 37-38.

Barabashova, V. N. 1972. On caryotypes of the stem nematode. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 218-219.

Beibutov, T. L. 1972. Nematode fauna in vineyards of Dagestan. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 189-190.

Beisova, T. K. 1972. Nematoda fauna of potato in Alma-Ata region. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 113-114.

Bridge, John. 1974. Hatching of Tylenchorhynchus maximus and Merlinius icarus. J. Nematol. 6(2):101-102.

Brodie, B. B. 1974. The relation of starlings to the spread of Heterodera rostochiensis. (Abstract). J. Nematol. 6(4):136-137.

Brown, R. H. 1974. Biotype studies of the cereal cyst nematode (Heterodera avenae) in Victoria. XII Simposio Internacional De Nematologia. p.17.

Buecher, E. J. and E. L. Hansen. 1974. Sex expression in Aphelenchus avenae. (Abstract). J. Nematol. 6(4):p.137.

Cherevkova, D. S. and R. F. Prussanov. 1972. Activity of root-knot nematode ferments at the treatment of plants infested by Meloidogyne. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 158-160.

Cuany, A. and A. Dalmasso. 1974. Karyotypes and chromosomes morphology in some mononchids. XII Simposio Internacional De Nematologia. 25-26.

Doan-Cads. 1971. Fauna of phytonematodes on flax fields. Zoologicheskii Zhurnal Akademii Science CCCP L(10):1457-1462.

Doan-Kan'. 1972. Nematode fauna of clover as related to some agrotechnical factors. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 54-55.

- Epstein, E. 1974. Biochemical changes in terminal root galls caused by an ectoparasitic nematode, Longidorus africanus: nucleic acids. J. Nematol. 6(1):48-52.
- Gagarin, V. G. 1972. On the nematode fauna of the perennial far east rice in the Uchinskian storage lake. (Abstract). All-Union Lening Academy of Agriculture Sciences. All-Union Skryabin Inst. of Agric. 48-49.
- Gaston, J. S., H. H. Shorey, and E. G. Platzer. 1974. Reproductive behavior of Rhabditis sp. (Abstract). J. Nematol. 6(4):140-141.
- Giebel, J. 1974. Biochemical mechanisms of plant resistance to nematodes: A review. J. Nematol. 6(4):175-184.
- Gupta, J. C. 1974. Studies on the relationship between the age and stage of decline of citrus trees and the population of Hoplolaimus indicus Sher, 1963. (Abstract). XII Simposio Internacional De Nematologia. 39-40.
- Haberman, E. 1973. Effect of potato cyst nematode infestation on phenol complex and activity of some oxydative ferments in susceptible and resistant potato plants. (Abstract). Academy of Sciences of the Estonian Agric. All-Union Lenin Academy Tartu. 64-66.
- Haberman, E. H. 1972. Effect of the potato cyst eelworm on activity and composition of the peroxidase in different potato varieties distinguished by their resistance. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 85-86.
- Hackney, R. W. 1974. The use of chromosome number to identify Meloidogyne spp. on grapes. (Abstract). J. Nematol. 6(4):141-142.
- Hansen, Eder and E. J. Buecher. 1974. Sex in Aphelenchus avenae. XII Simposio Internacional De Nematologia. 43-44.
- Huang, C. S. and S. P. Huang. 1974. Dehydration and the survival of rice white tip nematode, Aphelenchoides besseyi. Nematologica 20(1):9-18.
- Jones, M. G. K., A. Novacky, and V. H. Dropkin. 1974. Measurement of transmembrane potentials of giant cells induced in dwarf balsam by Meloidogyne incognita. (Abstract). XII Simposio Internactional De Nematologia. p.53.
- Kaktina, Dz. K. 1973. On structure of the nidi of potato cyst nematode. (Abstract). Academy of Sciences of the Estonian SSR. Inst. of Zoology & Botany, Ministry of Agric. All-Union Lenin Academy Tartu. 51-53.

- Kirjanova, E. S. and N. A. Lobanova. 1972. On distribution of cyst forming nematodes. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 114-116.
- Kisiel, M. J., J. M. Castillo, and B. M. Zuckerman. 1974. Comparison of the effects of procaine HCl and Gerovital H3 on aging parameters and development of a nematode. The Gerontologist 14(Part 2):p.32.
- Kisiel, Marian J., S. Himmelhoch, and Bert M. Zuckerman. 1974. Caenorhabditis briggsae. Effects of aminopterin. Experimental Parasitology 36:430-438.
- Klekowski, R. Z., L. Wasilewska, and E. Paplinska. 1974. Oxygen consumption in the developmental stages of Panagrolaimus rigidus. Nematologica 20(1):61-68.
- Klingler, J. and P. Kunz. 1974. Investigations with a saprozoic nematode, Mesodiplogaster lheritieri, on a possible respiratory function of air swallowing. Nematologica 20(1):52-60.
- Krall, E. 1972. On the biological background of the intersexuality in the genus Aphelenchoides (Nematoda:Tylenchida). Indian J. Nematol. 2(2):206-207.
- Krall, E. L. and N. S. Probatova. 1972. Phytohelminthiasis of grasses of the far east flora caused by the nematodes of the genus Anguina. (Abstract). All-Union Lening Academy of Agriculture Sciences. All-Union Skryabin Inst. of Agric. 43-45.
- Krnjaic, Dorde. 1973. Inoculation capacity of the larvae of wheat nematode (Anguina tritici, Steinbuch, 1799, Filipjev, 1936) previously exposed to gamma irradiation (CO⁶⁰). Zastita Bilja XXIV(122):61-65.
- Kuanshalieva, E. N. 1972. Nematode fauna of sugar beet and tobacco in the foothill zone of Zailiiskii Ala-Tau. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 71-72.
- Ladygina, N. M. 1972. Results of studying the physiological compatibility of stem nematodes. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 118-119.
- Lisetskaya, L. F. 1972. Nematode fauna of the rose in Moldavia. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 193-194.
- Magi, E. A. 1972. Effect of tonic compounds on anabiotic larvae of the potato cyst eelworm. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 89-90.

Magi, E. A. 1973. Combined effect of specific stimulator and root diffusates from various plants on hatching of larvae of potato cyst nematode. (Abstract). Academy of Sciences of the Estonian Agric. All-Union Lenin Academy Tartu. 60-62.

Masood, Anwar and S. Israr Husain. 1974. Biochemical study of the root-knot disease of vegetables. I. Phenolic and ortho-dihydroxy phenolis changes and their role in the resistance and susceptibility of three tomato varieties. (Abstract). XII Simposio Internacional De Nematologia. p.69.

Mathur, V. K. and S. K. Prasad. 1972. Embryonic development and morphology of larval stages of the rice root nematode, Hirschmanniella oryzae. Indian J. Nematol. 2(2):146-157.

Misaghi, I. and Michael A. McClure. 1974. Antigenic relationships of Meloidogyne incognita, M. javanica, and M. arenaria. Phytopathology 64(5):698-701.

Mjuge, S. G. and D. R. Viglierchio. 1974. Physiological therapy methods for plants parasitized by nematodes. (Abstract). J. Nematol. 6(4):p.147.

Mukhina, T. I. 1972. Nematode fauna of main vegetables in Primor'e territory. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 167-168.

Nesterov, P. I. 1972. Nematode fauna of fruit trees in Moldavia. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 190-191.

Netscher, Caspar. 1973. Etude sur la variabilite de la longueur des larves chez Meloidogyne incognita Chitwood, 1949 et Meloidogyne javanica Chitwood, 1949. Cahiers O.R.S.T.O.M. Serie Biologie. 21:91-95.

Nicholas, W. L., A. Grassia, and S. Viswanathan. 1973. The efficiency with which Caenorhabditis briggsae (Rhabditidae) feeds on the bacterium, Escherichia coli. Nematologica 19(4):411-420.

Nikandrow, A. and C. D. Blake. 1973. Carbon dioxide and the hatch of eggs and development of larvae of Aphelenchoides composticola and Ditylenchus myceliophagus. Nematologica 19(4):508-515.

Nikitin, V. S. 1972. Revealing of nidi of the potato cyst eelworm in the Ukraine. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 87-88.

Orion, D. 1973. Studies on plant root-knot nematode interrelationships. OEPP/EPPO Bull. 9:67-71.

Orion, D., F. J. Gommers, and J. Van Bezooijen. 1973. Physiological and cellular changes in the cortical tissue of Meloidogyne incognita galls. Mededelingen Fakulteit Landbouwwetenschappen Gent. 1297-1301.

Orr, C. C. and E. D. Morey. 1974. Anatomical response of grain sorghum roots to root-knot nematodes. (Abstract). J. Nematol. 6(4):p.148.

Oteifa, B. A. and A. Y. Elgindi. 1974. Host nutrition in relation to infection by the reniform nematode Rotylenchulus reniformis. (Abstract). XII Simposio Internacional De Nematologia. p.78.

Ouazana, R. 1974. Mutagenesis and genic mapping of the free-living nematode Caenorhabditis elegans, var. bergerac. II-Sex linked genes and linkage. (Abstract). XII Simposio Internacional De Nematologia. 79-81.

den Ouden, H. 1974. The multiplication of 3 pathotypes of the potato root eelworm on different potato varieties. Neth. J. Plant Pathol. 80(1):1-6.

Pavlyuk, L. V. 1972. Comparative analysis of the nematode fauna of Senecio rhombifolius, Valeriana officinalis and Adonis vernalis, cultivated in Moscow region. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 198-199.

Pokrovskaya, T. V. 1972. On establishing of the nematode fauna of some vegetables at storage. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 166-167.

Popova, M. B. 1972. Distribution and bioecological features of oat cyst eelworm in areas of Volga river and Ural mountains. (Abstract). All-Union Lening Academy of Agriculture Sciences. All-Union Skryabin Inst. of Agric. p.27.

Pupavkina, G. M. 1971. On the reproduction of Ditylenchus destructor on fungi cultures. Proceedings of the All-Union Inst. of Helminthology named in honor of K. I. Skryabin. 73-75.

Riispere, U. R. and A. J. Riispere. 1972. Effect of parasitic nematodes on assimilation of nutrients by plants. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 70-71.

Riispere, U. R. and A. J. Riispere. 1972. Effect of level of mineral nutrition on relationships of cyst-forming nematodes and their host plants. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 56-57.

1972. Effect of clover cyst nematode infestation on phenol complex in clover species and varieties with various degree of resistance. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 57-59.

1973. On effects of some exogenous factors on development and sex differentiation of potato cyst nematode. (Abstract). Academy of Sciences of the Estonian Agric. All-Union Lenin Academy Tartu. 67-70.

Rodriquez Fuentes, M. E. 1974. Biological cycle of Rotylenchulus reniformis, Linford and Oliveira, 1940. (Abstract). XII Simposio Internacional De Nematologia. 86-87.

Romaniko, V. I. 1972. Nematode fauna of wheat and maize in Chelyabinsk region. All-Union Lening Academy of Agriculture Sciences. All-Union Skryabin Inst. of Agric. 34-35.

Rothstein, M., S. Gupta, and W. F. Hieb. 1974. Age-related changes in specific activity of enzymes in free-living nematodes. The Gerontologist 14(Part 2):p.32.

Sakchiyev. 1971. New information about gall nematodes parasitizing on vegetables, melons and weeds of Turkmenia and their species composition. Turk Menistan SSR Academy Biology 5:49-53.

Savchuk, N. A. and O. E. Savchuk. 1972. On effect of the damage of agricultural production by plant nematodes on physiological condition of animals. (Abstract). All-Union Lening Academy of Agriculture Sciences. All-Union Skryabin Inst. of Agric. p.31.

Sawhney, R. and J. M. Webster. 1974. A further understanding of the susceptible and resistant responses of tomato to Meloidogyne incognita. (Abstract). J. Nematol. 6(4):p.151.

Sayre, R. M. 1974. Observations on aberrant root-knot nematode larvae. (Abstract). J. Nematol. 6(4):p.151.

Shapoval, N. M., F. I. Taran, and I. I. Burova. 1972. Distribution of the hop cyst nematode in Zhitomir region. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 204-205.

- Shepherd, Audrey M., Sybil A. Clark, and Annelise Kempton. 1973. Spermatogenesis and sperm ultrastructure in some cyst nematodes, Heterodera spp. *Nematologica* 19(4):551-560.
- Sheptal-Zhad'ko, L. T. 1972. On the nematode fauna of vegetables and potato in Dnepropetrovsk region. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 167-168.
- Shesteperov, A. A. 1971. The influence of plant nematodes on the growth and development of red clover. Proceedings of the All-Union Inst. of Helminthology named in honor of K. I. Skryabin. 121-126.
- _____. 1972. Horizontal distribution of nematodes in soil attached to roots and in organs of red clover plants. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 61-62.
- Singh, B. and B. Choudhury. 1973. The chemical characteristics of tomato cultivars resistant to root-knot nematodes (Meloidogyne spp.). *Nematologica* 19(4):443-448.
- Sitaramaiah, K. and R. S. Singh. 1974. The possible effects on Meloidogyne javanica of phenolic compounds produced in amended soil. (Abstract). *J. Nematol.* 6(4):p.152.
- Sitaramaiah, K. R., S. Singh, and B. P. Pal. 1974. Effect of the gaseous atmosphere produced in amended soil on egg hatch of Meloidogyne javanica. (Abstract). *J. Nematol.* 6(4):152-153.
- Slobodyanyuk, O. V. 1972. On biology of parasitic nematodes of the beetle Blastophagus piniperda L. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 223-225.
- Sofrygina, M. T. 1972. Fauna and ecology of nematodes of trees and shrubs in foothill zone of the Zailiiskii Alatau. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 195-196.
- Stegarescu, O. P. 1972. Distribution of species of the family Longidoridae in Moldavia. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 213-215.
- Steele, Arnold E. and Larry R. Hodges. 1974. Overwintering of Meloidogyne incognita in root galls of sugarbeet in the Salinas valley of California. *Plant Dis. Reptr.* 58(1):88-90.
- Stone, A. R. and T. D. Williams. 1974. The morphology and soluble protein electrophoresis of Heterodera avenae pathotypes. *Ann. appl. Biol.* 76:231-236.

- Sturhan, D. 1969. Das rassenproblem bei Ditylenchus dipsaci. Mitteilungen aus der Biologischen Bundesanstalt für Land- und Forstwirtschaft Berlin-Dahlem. 136:87-97.
- Sukk, N. C., G. C. De and P. Das. 1974. Reduction of infestation of Meloidogyne incognita by Polygonum hydropiper and Tragica involucrata. (Abstract). XII Simposio Internacional De Nematologia. 95-96.
- Susana, N. M. and A. Santos. 1973. Mobility of males of Meloidogyne spp. and their responses to females. Nematologica 19(4):521-527.
- Sveshnikova, N. M. 1973. On history of discovery and investigations on control of the potato cyst nematode in the USSR. (Abstract). Academy of Sciences of the Estonian SSR. Inst. of Zoology and Botany, Ministry of Agric. All-Union Lenin Academy, Tartu. 15-16.
- Tarakanov, V. I. 1971. The maintenance of potato stem nematode in balanced salt solutions. Inst. of Helminthology named in honor of K. I. Skryabin. 93-97.
- Thirugnanam, M. 1974. Growth requirements of Aphelenchoides rutgersi for hemin and nucleic acid supplements. (Abstract). J. Nematol. 6(4):p.153.
- Tikhonova, L. V. 1971. The ontogenesis of the agent of Heteroderosis in cereal cultures. Proceedings of the All-Union Inst. of Helminthology named in honor of K. I. Skryabin. 105-114.
- Tobar, A. and M. Gallardo. 1974. An experimental study on the role of wind in the dispersal of some non cyst-forming nematodes. (Abstract). XII Simposio Internacional De Nematologia. 102-103.
- Townshend, J. L. 1974. Monoxenic culture of Pratylenchus projectus. Nematologica 20(2):264-266.
- Trudgill, D. L. 1974. The influence of D1-Tyrosine on the sex of Heterodera rostochiensis. Nematologica 20(1):34-38.
- Trudgill, D. L., K. Evans, and D. M. Parrott. 1974. Changes in the growth, salt uptake and water retention of potatoes infested with potato cyst nematode and the influence of soil fumigation. (Abstract). XII Simposio Internacional De Nematologia. p.105.
- Tskitishvili, T. D. 1972. Investigations of the nematode fauna of citrus plants under the conditions of Adzharia. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 192-193.

- Twinn, D. C. 1974. Nematodes. Biology of Plant Litter Decomposition 2:421-465.
- Upadhyay, K. D. and Gopal Swarup. 1972. Culturing, host range and factors affecting multiplication of Tylenchorhynchus vulgaris on maize. Indian J. Nematol. 2(2):130-145.
- Uzlova, S. V. 1972. Distribution of root-knot nematodes in greenhouses of the steppe zone of the Ukrainian SSR. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. p.138.
- VanFleteren, Jacques R. 1974. Nematode growth factor. Nature 248: 255-257.
- di Vito, M., F. Lamberti, and N. Greco. 1974. The life cycle of Heterodera goettingiana Liebscher under field conditions in southern Italy. (Abstract). XII Simposio Internacional De Nematologia. 106-107.
- Vladimirova, L. A. 1972. Nematode fauna of shrub fruits and strawberry in Alma-Ata region. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 185-186.
- Wallace, H. R. 1974. The influence of root knot nematode, Meloidogyne javanica, on photosynthesis and on nutrient demand by roots of tomato plants. Nematologica 20(1):27-33.
- Wang, Ernie L. H. and G. B. Bergeson. 1974. Biochemical changes in root exudate and xylem sap of tomato plants infected with Meloidogyne incognita. J. Nematol. 6(4):194-202.
- Wang, L. H., T. K. Hodges, and G. B. Bergeson. 1974. Meloidogyne incognita induced changes in cell permeability of galled roots. (Abstract). J. Nematol. 6(4):153-154.
- Windrich, W. A. 1973. Attraction of immature female nematodes by males of the tulip race of Ditylenchus dipsaci in leaf tissue of tulip. Nematologica 19(4):p.570.
- _____ 1974. Attack of tulip by hybrids of tulip and narcissus races of Ditylenchus dipsaci. Nematologica 20(2):269-270.
- Wood, F. H. 1973. Biology of Aporcelaimellus sp. (Nematoda: Aporcelaimidae). Nematologica 19(4):528-537.
- Zuckerman, Bert M. 1974. The effects of procaine on aging and development of a nematode. Theoretical Aspects of Aging. 177-186.

ECOLOGY

- Akulín, N. A. 1972. Ecology of nematrophagous hyphomycetes. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 172-173.
- Artero, J., A. Gomez Barcina, F. Jimenez Milian, and F. Sanchez. 1974. Nematode distribution in sugar cane. XII Simposio Internacional De Nematologia. 10-11.
- Baines, R. C. 1974. The effect of soil type on movement and infection rate of larvae of Tylenchulus semipenetrans. J. Nematol. 6(2):60-62.
- Balakhnina, V. P. 1972. Nematode fauna and its dynamics on winter wheat infested by snow mould. (Abstract). All-Union Lening Academy of Agriculture Sciences. All-Union Skryabin Inst. of Agric. p.39.
- Barker, K. R. 1974. Influence of geographic area and previous crop on occurrence and densities of plant-parasitic nematodes in North Carolina. Plant Dis. Repr. 58(11):991-995.
- Bessaravoe, L. M. and L. V. Tikhonova. 1972. Comparative-ecological analysis of nematodes on pea and beans in Moscow region. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 52-53.
- Bird, G. W., O. L. Brooks, and C. E. Perry. 1974. Dynamics of concomitant field populations of Hoplolaimus columbus and Meloidogyne incognita. J. Nematol. 6(4):190-194.
- Brown, B. J. and E. G. Platzer. 1974. The effect of temperature, light, larval age, and exposure time on the infectivity of preparasitic larvae of Reesimermis nielsenii. (Abstract). J. Nematol. 6(4):p.137.
- Brown, E. B. 1974. Influence of soil stability on Longidorus elongatus density. Nematologica 20(2):257-258.
- Cooke, D. A. 1974. The effect of soil moisture content on the occurrence and control of damage to sugar beet by ectoparasitic nematodes. XII Simposio Internacional De Nematologia. 23-24.
- Drozдовskii, E. M. 1972. Ecological-taxonomic characteristics of leaf and bud nematodes. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 210-211.
- Egunjobi, Olufunke A. 1974. Nematodes and maize growth in Nigeria I. Population dynamics of Pratylenchus brachyurus in and about the roots of maize and its effects on maize production at Ibadan. Nematologica 20(2):181-186.

- Eliashvili, T. S. 1972. The dynamics of virgin soil nematode fauna in the Mukhran-Saguramo plain. Bulletin of the Academy of Sciences of the Georgian SSR. 66(3):705-708.
- Esser, R. P. and J. B. MacGowan. 1974. Nematodes in distilled water. Nematropica 4(2):19-20.
- Faulkner, L. R., D. B. Bower, D. W. Evans, and J. H. Elgin, Jr. 1974. Mass culturing of Ditylenchus dipsaci to yield large quantities of inoculum. J. Nematol. 6(3):126-129.
- Ferris, H. and M. V. McKenry. 1974. Observations on the spatial distribution of Xiphinema americanum in California vineyard soils. (Abstract). J. Nematol. 6(4):p.140.
- _____. 1974. Seasonal fluctuations in the spatial distribution of nematode populations in a California vineyard. J. Nematol. 6(4):203-210.
- Griffin, G. D. 1974. Effect of acclimation temperature on infection of alfalfa by Ditylenchus dipsaci. J. Nematol. 6(2):57-59.
- Guerout, R. 1972. Relation entre les populations de Radopholus similis Cobb et la croissance du bananier. Fruits 27(5):331-337.
- de Guiran, G. 1974. Partial diapause within the egg masses of Meloidogyne incognita. (Abstract). XII Simposio Internacional De Nematologia. 37-38.
- Gysels, H. 1974. The influence of physiological stress situations as a consequence of changing pH's upon the development and growth of the free-living nematode Panagrellus silusiae (De Man, 1913) Goodey, 1945. XII Simposio Internacional De Nematologia. 40-41.
- Jimenez Guirado, D. and F. Jimenez Millan. 1974. Ecological distribution of soil nematodes from the Almeria Coast (Spain). XII Simposio Internacional De Nematologia. p.51.
- Johnson, A. W., C. C. Dowler, and E. W. Hauser. 1974. Seasonal population dynamics of selected plant parasitic nematodes on four monocultured crops. (Abstract). J. Nematol. 6(4):p.144.
- _____. 1974. Seasonal population dynamics of selected plant-parasitic nematodes on four monocultured crops. J. Nematol. 6(4):187-190.
- Johnson, S. R., J. M. Ferris, and V. R. Ferris. 1974. Nematode community structure of forest woodlots. III. Ordinations of taxonomic groups and biomass. J. Nematol. 6(3):118-126.

Jones, F. G. W. 1974. Aspects of soil environment. (Abstract). XII Simposio Internacional De Nematologia. 51-52.

Khurramov, Sh. Kh. 1972. Quantitative dynamics of nemtodes of the sugarcane in the Surkhandar'ya region of the Uzbek SSR. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 203-204.

Krall, E. L. and H. A. Krall. 1972. A comparative-ecological method for studying the evolutionary process in plant nematode genus Heterodera. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 119-121.

Krnjaic, Dj. and S. Krnjaic. 1974. Distribution of nematodes in a Festuca vaginata clump. (Abstract). XII Simposio Internacional De Nematologia. p.58.

Krnjaic, Djordje, Smiljka Krnjaic, and Radosav Otasevic. 1973. Longevity of wheat nematode (Anguina tritici, Steinbuch 1799, Filipjev, 1936) at different temperatures. Zastita Bilja XXIV(122): 67-73.

Lane, Carl L. and Wesley Witcher. 1974. A survey of the nematodes in the soils of the Hobcaw Barony. Plant Dis. Repr. 58(1):67-70.

Miller, P. M. and Saul Rich. 1974. Effect of soil temperature on control of Pratylenchus penetrans by three contact nematicides. Plant Dis. Repr. 58(8):708-710.

Mugnieri, D. 1974. Valeur de l'echantillonnage des population de nematodes a kyste de la pomme de terre. (Abstract). XII Simposio Internacional De Nematologia. p.72.

Norton, Don C. and John K. Hoffman. 1974. Distribution of selected plant parasitic nematodes relative to vegetation and edaphic factors. J. Nematol. 6(2):81-86.

Odihirin, R. A. 1974. Studies on locations and situation in which plant parasitic nematodes survive the dry season in Nigeria. (Abstract). XII Simposio Internacional De Nematologia. 73-75.

Ogbuji, R. O. and H. J. Jensen. 1974. Effects of soil pH on resistance and susceptibility of alfalfa and tomato to Meloidogyne hapla. Plant Dis. Repr. 58(7):594-596.

Oostenbrink, M. 1974. Observations on potato cyst nematode control, particularly with respect to temperature, soil factors, organic manuring and shortening the potato growing season. (Abstract). XII Simposio Internacional De Nematologia. 77-78.

- Ovechnikov, G. T. 1972. Seasonal and vertical dynamics of the nematode fauna on gooseberry. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 184-185.
- Øydvin, Johannes and Bonsak Hammeraas. 1973. Lethal low temperatures for the cyst content of the potato-root eelworms. *Nematologica* 19(4): 568-569.
- Popova, M. B. 1971. Biological peculiarities of oat nematode (Heterodera avenae Woll. 1924 in Bashkir ASSR). Proceedings of the All-Union Inst. of Helminthology named in honor of K. I. Skryabin. 47-52.
- Reversat, G. and G. Merny. 1973. Influence de quelques facteurs sur la penetration du nematode Heterodera oryzae dans less racines du riz. Cahiers O.R.S.T.O.M. Serie Biologie. 21:111-115.
- Robbins, R. T. and K. R. Barker. 1974. The effects of soil type, particle size, temperature, and moisture on reproduction of Belonolaimus longicaudatus. *J. Nematol.* 6(1):1-6.
- Rossner, J. 1974. Investigations to influence the orientation of plant parasitic nematodes in the soil by foliar application of different substances to their host plants. (Abstract). XII Simposio Internacional De Nematologia. p.88.
- Saxena, P. K., H. K. Chhabra, and Sneha Lata. 1972. On the ecology and vertical distribution of Helicotylenchus elegans. *Indian J. Nematol.* 2(2):193-196.
- Schmidt, James M., Kenneth S. Todd, Jr., and Norman D. Levine. 1974. Moisture stress effects on survival of infective Trichostrongylus colubriformis larvae. *J. Nematol.* 6(1):27-29.
- Scotto La Massese, G. 1974. Ecological significance of nematofauna of the "landes" forest in South West of France. (Abstract). XII Simposio Internacional De Nematologia. 93-94.
- Seinhorst, J. W. 1973. Principles and possibilities of determining degrees of nematode control leading to maximum returns. I. Protection of one crop sown or planted soon after treatment. *Nematologia Mediterranea*. 1(2):93-105.
- _____. 1973. The relation between nematode distribution in a field and loss in yield at different average nematode densities. *Nematologica* 19(4):421-427.

Shesteporov, A. A. 1972. Seasonal dynamics of extensity and intensity of invasion of red clover by nematodes in Moscow region. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 59-60.

Solov'eva, G. I. and V. P. Vasil'eva. 1972. On ecology of cyst forming nematodes-parasites of herbaceous plants on meadows in south of Karelia. (Abstract). All-Union Lening Academy of Agriculture Sciences. All-Union Skryabin Inst. of Agric. 50-51.

Sudakova, I. M. and E. K. Chernyak. 1972. Development of plant nematodes as affected by temperature. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 221-222.

Sutherland, Jack R. and L. J. Sluggett. 1974. Time, temperature, and soil moisture effects on Xiphinema bakeri nematode survival in fallow soil. *Phytopathology* 64(4):507-513.

Tarjan, A. C. and J. J. Frederick. 1974. Variation within populations derived from single females of Pratylenchus coffeae. (Abstract). *Nematropica* 4(1):6-7.

Upadhyay, R. S., Abrar M. Khan, and S. K. Saxena. 1972. Multiplication of Rotylenchulus reniformis around the roots of castor in autoclaved and naturally infested soil. *Indian J. Nematol.* 2(2):191-193.

Volodchenko, Z. G. 1972. Influence of humidity on survival of Heterodera species. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 219-220.

Wasilewska, L. 1974. Trophic structure of nematode community in an agroecosystem and a natural environment. (Abstract). XII Simposio Internacional De Nematologia. 107-109.

Whyte, E. B. and S. R. Gowen. 1974. Recovery of nematodes from banana roots and soil samples. *Nematropica* 4(2):27-31.

DISEASE ASSOCIATIONS

Alfaro, A. and A. C. Goheen. 1974. Transmission of strains of grapevine fanleaf virus by Xiphinema index. *Plant Dis. Reptr.* 58(6):549-552.

Baltruschat, H., R. A. Sikora, and F. Schonbeck. 1973. Effect of VA-mycorrhiza (Endogone mosseae) on the establishment of Thielaviopsis basicola and Meloidogyne incognita in tobacco. (Abstract). 2nd International Congress of Plant Pathology, Univ. of Minn., Minneapolis, September 5-12, 1973, p.0661.

- Bhardwaj, A. K., P. L. Sharma, and Sonam Phunchog. 1972. Root-knot nematode (Meloidogyne spp.) infestation on tomato in Solan area of Himachal Pradesh. Indian J. Nematol. 2(2):197-198.
- Burpee, L. L. and J. R. Bloom. 1974. Interaction of Verticillium albo-atrum and Pratylenchus penetrans on potato. Phytopathology 64(5):p.579.
- Conroy, J. J. and R. J. Green, Jr. 1974. Interactions of the root knot nematode Meloidogyne incognita and the stubby root nematode Trichodorus christiei with Verticillium albo-atrum on tomato at controlled inoculum densities. Phytopathology 64(8):1118-1121.
- Couch, Houston B. 1974. Diseases of turfgrasses caused by pathogenic nematodes. Diseases of Turfgrasses, Second Edition. 158-184.
- Desai, M. V., H. M. Shah, and S. N. Pillai. 1972. Effect of Aspergillus niger on root-knot nematode Meloidogyne incognita. Indian J. Nematol. 2(2):210-214.
- El-Goorani, M. A., M. K. Abo-El-Dahab, and F. F. Mehیار. 1974. Interaction between root knot nematode and Pseudomonas marginata on gladiolus corms. Phytopathology 64(2):271-272.
- Ershov, V. S. and V. P. Efremenko. 1972. Tasks of investigations of plant nematode diseases on agricultural crops. (Abstract). All-Union Lening Academy of Agriculture Sciences. All-Union Skryabin Inst. of Agric. Moscow. 5-12.
- Figueroa, A. and M. F. Jimenez. 1974. Infection and symptom induction in rice plants by the nematode, Hypsoperine n. sp. (?). Phytopathology 64(6):767-768.
- Glотова, L. E. 1972. Nematode fauna of cereal crops in Amur region as related to infection of plants by fungus and bacterial diseases. (Abstract). All-Union Lening Academy of Agriculture Sciences. All-Union Skryabin Inst. of Agric. 46-48.
- Harrison, B. D., W. M. Robertson, and C. E. Taylor. 1974. Specificity of retention and transmission of viruses by nematodes. J. Nematol. 6(4):155-164.
- Hunter, J. E., W. H. Ko, R. K. Kunimoto, and T. Higaki. 1974. A foliar disease of anthurium seedlings caused by Aphelenchoides fragariae. Phytopathology 64(2):267-268.
- Ivanova, I. V. 1972. Ditylenchosis of potato kept in storage. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 107-108.

- Jatala, Parviz, Harold Jensen, and Sterling A. Russell. 1974. Pristionchus iheritieri as a carrier of Rhizobium japonicum. J. Nematol. 6(3):130-131.
- Jensen, H. J., P. A. Koepsell, and T. C. Allen. 1974. Tobacco rattle virus and nematode vectors in Oregon. Plant Dis. Repr. 58(3):269-271.
- Kerry, B. R. 1974. A fungus associated with young females of the cereal cyst-nematode, Heterodera avenae. Nematologica 20(2):259-260.
- Korunic, Z. 1974. The relation between cabbage nematode Heterodera cruciferae F. and club root organism, Plasmodiophora brassicae Wor. (Abstract). XII Simposio Internacional De Nematologia. p.57.
- Krivodubskaya, L. R. 1972. Activity of redox-ferments in potato tubers infested by the potato tuber nematode. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 116-117.
- Kul'chitskii, B. I. 1972. Some ways of field infestation by beet cyst eelworm. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 63-64.
- Luk'yanchikov, V. P. 1972. Nematode disease of rice in Krasnodar territory and Rostov region. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 41-42.
- Mankau, R. 1974. A "milky disease" of plant parasitic nematodes caused by bacterium. (Abstract). XII Simposio Internacional De Nematologia. p.66.
- Matlashenko, E. V. 1972. Study of the role of cotton root-knot nematode in infesting cotton by Fusarium wilt and black root rot and its control under conditions of Tadzhikistan. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 140-141.
- Midha, S. K. and Gopal Swarup. 1972. Factors affecting development of ear-cockle and Tundu diseases of wheat. Indian J. Nematol. 2(2): 97-104.
- Palmer, L. T. and D. H. MacDonald. 1974. Interaction of Fusarium spp. and certain plant parasitic nematodes on maize. Phytopathology 64(1):14-17.
- Palmisano, A. Marinari and T. Turchetti. 1974. The role of a bacterial feeding soil nematode in the antagonism of Bacillus subtilis to Fusarium solani. (Abstract). XII Simposio Internacional De Nematologia.

Prokhorov, P. P. 1972. Nematode fauna of healthy and infected by fungus and bacterial diseases soybean plants. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 51-52.

Protopopov, G. A. 1971. Influence of nematodes and other pathogens on the yield of potatoes. Proceedings of the All-Union Inst. of Helminthology named in honor of K. I. Skryabin, 57-63.

_____. 1971. The nematode fauna of potatoes infected with fungi and bacteria in Karelian SSR and Moscow district. Proceedings of the All-Union Inst. of Helminthology named in honor of K. I. Skryabin. 65-72.

Ragozina, I. I. and Z. G. Shepshelev. 1972. On infestation of potato varieties by tuber nematode. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 103-104.

Ramsdell, D. C. and R. L. Myers. 1974. Peach rosette mosaic virus, symptomatology and nematodes associated with grapevine 'degeneration' in Michigan. *Phytopathology* 64(9):1174-1178.

Rich, J. R. and G. W. Bird. 1974. Association of early-season vesicular-arbuscular mycorrhizae with increased growth and development of cotton. *Phytopathology* 64(11):1421-1425.

Schenck, N. C. and R. A. Kinloch. 1974. Pathogenic fungi, parasitic nematodes, and endomycorrhizal fungi associated with soybean roots in Florida. *Plant Dis. Repr.* 58(2):169-173.

Semkina, A. I. 1971. The influence of the nematode Longidorus elongatus and the fungus Helminthosporium sativum on the yield of spring wehat in Kustanaj district of USSR. Proceedings of the All-Union Inst. of Helminthology named in honor of K. I. Skryabin. 79-83.

Shagalina, L. M. 1972. Distribution of root-knot nematodes in the Murgab and Tadzhen oases of Turkmenia and their interactions with Fusarium wilt on cotton. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 139-140.

Sikora, R. A. and F. Schonbeck. 1974. Interactions between vesicular-arbuscular mycorrhiza (Endogone mosseae) and plant parasitic nematodes on tobacco. (Abstract). XII Simposio Internacional De Nematologia, p.95.

Sudakova, I. M. 1972. Plant nematodes and Verticillium wilt of cotton. (Abstract). All-Union Lening Academy of Agriculture Sciences. All-Union Skryabin Inst. of Agric. 14-15.

Sudakova, I. M., R. V. Mikulina, and V. F. Maslennikova. 1972. Influence of nematode numbers in the rhizosphere on the infection by Verticillium wilt. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 145-146.

Taylor, C. E. and W. M. Robertson. 1974. Specific retention and transmission of viruses by nematodes. (Abstract). XII Simposio Internacional De Nematologia. 98-100.

Teploukhova, T. N. 1972. On the fauna of virus transmitting nematodes in the USSR. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. p.217.

Terent'eva, T. G. and N. M. Alpat'ev. 1972. Heterodera disease on lucerne in northern Caucasus. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 55-56.

Tikhonova, L. V. 1972. Problem of Heterodera disease on cereals in the USSR. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 25-26.

Treskova, V. S. and D. M. Sadykhov. 1972. A complex "meloidogynosis-fusariosis" on tomatoes and experience of controlling it. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 142-143.

Weaver, D. J., E. J. Wehunt, and W. M. Dowler. 1974. Association of tree site, Pseudomonas syringae, Criconemoides xenoplax, and pruning date with short life of peach trees in Georgia. Plant Dis. Repr. 58(1):76-79.

Weingartner, D. P., D. W. Dickson, and J. D. Dilbeck. 1974. Early dying disease on potatoes in north Florida. Plant Dis. Repr. 58(4): 374-378.

Whitney, E. D. 1974. Synergistic effect of Phythium ultimum and the additive effect of P. aphanidermatum with Heterodera schachtii on sugarbeet. Phytopathology 64(3):380-383.

Whitney, E. D. and D. L. Doney. 1973. The effects of Heterodera schachtii and Aphanomyces cochliformis on root-rot of sugarbeet. Journal of the A.S.S.B.T. 17(3):240-245.

Zemlyanskaya, A. I. and K. V. Belyaeva. 1972. Prevalent nematode species on cotton infected by Verticillium wilt. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 141-142.

HOST-PARASITE RELATIONS

Aboul-Eid, H. Z. and A. I. Ghorab. 1974. Pathological effects of Heterodera cajani on cowpea. Plant Dis. Repr. 58(12):1130-1133.

Acosta, Nelia. 1974. Depth of penetration of phytoparasitic nematodes in yam tubers. Nematropica 4(1):7-11.

Altman, Philip L. and Dorothy S. Dittmer (compiled and edited by). 1973. Nematode parasites: Plants. Biology Data Book, Second Edition. II:1069-1072.

Antonova, V. V. 1972. Parasitic nematodes of flax and their pathogenic role in the north-west of the USSR. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 170-171.

Baines, R. C. 1974. Susceptibility and tolerance of eight citrus rootstocks to the citrus nematode, Tylenchulus semipenetrans. (Abstract). J. Nematol. 6(4):p.135.

Belozeroва, G. S. and O. Z. Metlitskii. 1972. Nematodes - root parasites of the garden strawberry in the non-Chernozem zone of the Russian federation. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. p.180.

Bird, Alan F. 1974. Plant response to root-knot nematode. Ann. Review of Phytopathology 12:69-85.

Blinova, S. L. 1972. Endotokia matricida in the nematode Parasitorhabditis sp. associated with bark beetle Pityophthorus lichtensteini. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 225-226.

Bode, K. and L. Kampfe. 1974. Evidence and inhibition of some enzymes in free-living nematodes. XII Simposio Internacional De Nematologia. 13-14.

Braun, A. L. and B. F. Lownsbery. 1974. The pin nematode, Paratylenchus neoamblycephalus and its effect on Myrobalan plum. (Abstract). J. Nematol. 6(4):p.136.

Bridge, John and N. G. M. Hague. 1974. The feeding behaviour of Tylenchorhynchus and Merlinius species and their effect on growth of perennial ryegrass. Nematologica 20(2):119-130.

Brinkman, H. 1973. Nematologische waarnemingen in 1972. Gewasbescherming 4:65-70.

Carmo, M., L. S. Pereira, and M. Susana N. De A. Santos. 1974. Studies on Ditylenchus dipsaci found in Portugal. XII Simposio Internacional De Nematologia. p.19.

Carter, W. W. 1974. Histological responses of resistant and susceptible Gossypium arboreum to Rotylenchulus reniformis. (Abstract). J. Nematol. 6(4):p.138.

Cherevkova, D. S., O. E. Savchuk, and K. I. Dolinyak. 1972. Ditylenchosis in onions in Odessa region. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 164-165.

Cohn, Eli. 1973. Histology of the feeding site of Rotylenchulus reniformis. Nematologica 19(4):455-458.

Cohn, E. and M. Mordechai. 1974. Specificity of Longidorus cohnii as a pathogen of oats. Phytoparasitica 2(1):45-46.

Cotten, J. 1973. Feeding behaviour and reproduction of Xiphinema index on some herbaceous test plants. Nematologica 19(4):516-520.

Dement'eva, S. P. 1972. Effect of host plant on growth and development of root-knot nematodes. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. p.158.

Dick, T. A. and K. A. Wright. 1974. The ultrastructure of the cuticle of the nematode Syphacia obvelata (Rudolphi, 1802). III. Cuticle associated with the male reproductive structures. Canadian J. Zoology 52(1):179-182.

_____. 1974. The ultrastructure of the cuticle of the nematode Syphacia obvelata (Rudolphi, 1802). IV. The cuticle associated with the female excretory pore, vulva, and vagina area. Canadian J. Zoology 52(2):245-250.

Dropkin, V. H. and J. Acedo. 1974. Ultrastructure of glycogen and lipid in the life cycle of Meloidogyne incognita. XII Simposio Internacional De Nematologia. 28-29.

Eremenko, V. D., E. S. Turlygina, and S. G. Myuge. 1972. Effect of plant nematodes on the quality of food vegetables and potato at storage. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 165-166.

Fassuliotis, G. 1974. Observations on feeding and egg laying by Hoplolaimus columbus. (Abstract). XII Simposio Internacional De Nematologia. 29-30.

- Fassuliotis, G. 1974. Host range of the Columbia lance nematode, Hoplolaimus columbus. Plant Dis. Repr. 58(11):1000-1002.
- Fortuner, Renaud and Georges Merny. 1973. Les nématodes parasites des racines associés au riz en Basse-Casamance (Sénégal) et en Gambie. Cahiers O.R.S.T.O.M. Serie Biologie. 21:3-20.
- Freckman, D. W., R. Mankau, and S. A. Sher. 1974. Population dynamics of nematodes associated with dominant desert shrubs. (Abstract). J. Nematol. 6(4):p.40.
- Germani, Gaetano (Presented by M. G. Aubert). 1972. Une chlorose des légumineuses de Haute-Volta liée la présence d'un nematode. Academie D'Agriculture De France. 202-205.
- Germani, G. and M. Dhery. 1973. Observations et experimentations concernant le rôle des nematodes dans deux affections de l'arachide en Haute-Volta: la "Chlorose" et le "Clump". Oleagineux 28(5):235-242.
- Griffin, G. D. 1974. Determination of Heterodera schachtii populations and their relation to economic losses of sugarbeets. (Abstract). J. Nematol. 6(4):p.141.
- Grisham, M. P., J. L. Dale, and R. D. Riggs. 1974. Meloidogyne graminis and Meloidogyne spp. on zoysia, infection reproduction, disease development, and control. Phytopathology 64(12):1485-1489.
- de Grisse, A. T., A. Coomans, and M. Demets. 1974. Ultrastructure of the anterior body region of Pelodera sp. (Nematoda:Rhabditidae). (Abstract). XII Simposio Internacional De Nematologia. p.33.
- de Grisse, A. T., A. Coomans, and P. Lippens. 1974. Ultrastructure of the phasmids and spicular apparatus of spiral nematodes. (Abstract). XII Simposio Internacional De Nematologia. p.33.
- Grootaert, P. and P. L. Lippens. 1974. Some ultrastructural changes in cuticle and hypodermis of Aporcellaimellus during the first moult (Nematoda:Dorylaimoidea). (Abstract). XII Simposio Internacional De Nematologia. p.34.
- Gubina, V. G. 1972. Parasitic nematodes on seedlings of conifers. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 196-198.
- Gulyamova, D. B. 1972. Nematodes of the rose-chaffer Potosia aeruginosa Drury. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 227-228.

Hanounik, S. B. and W. W. Osborne. 1974. Relationship between initial density of Meloidogyne incognita (Kofoid and White, 1919) Chitwood, 1949 and tobacco yield. XII Simposio Internacional De Nematologia. p.43.

Hocking Helen. 1967. A nematode (Deladenus sp.: Neotylenchidae) associated with Rhyssa spp. Hymenoptera: Ichneumonidae), parasites of siricid woodwasps. Journal Aust. Entomol. Soc. 6(1):52-56.

Högger, Ch. H. and G. W. Bird. 1974. Weeds and covercrops as overwintering hosts of plant parasitic nematodes of soybean and cotton in Georgia. (Abstract). J. Nematol. 6(4):142-143.

Hussey, R. S. and K. R. Barker. 1974. Effects of nematodes with different feeding habits on nodulation of legumes. (Abstract). J. Nematol. 6(4):p.143.

Ivanova, I. V. 1971. The susceptibility of tilled and some other crops to the plant nematodes, Ditylenchus destructor Thorne, 1945 and D. dipsaci (Kühn, 1857) Filipjev, 1936). Proceedings of the All-Union Inst. of Helminthology named in honor of K. I. Skryabin. 33-40.

_____. 1972. Primary estimate of degree of infestation of tubers, root-crops and bulbs by the potato tuber and onion bulb nematodes. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 108-109.

Kermarrec, A. and A. Anais. 1974. Presence of Aphelenchoides besseyi in foliage and tubers of yam (Dioscorea trifida) in the French West Indies. (Abstract). Nematropica 4(1):2-3.

Khalilov, O. B. 1972. Nematodes of tobacco and surrounding root soil in the Azerbaidzhan SSR. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 171-172.

Klindic, Olga and Petrovic Dragan. 1974. Contribution to the knowledge of Heterodera achilleae. (Abstract). XII Simposio Internacional De Nematologia. 53-55.

Klingler, J. 1974. Parasite activity of Macroposthonia xenoplax on vine roots. (Abstract). XII Simposio Internacional De Nematologia. p.55.

Krall, E. and H. Krall. 1971. Seed galls on the Bühmer's cat's-tail caused by bentgrass nematode (Anguina agrostis Steinbuch). Eesti Nsv Teaduste Akadeemia Loodusuurijate Selts Faunistilisi Märksmeid. 281-284.

F. Lamberti, N. Vovlas and A. Tirro. 1974. Infectivity and pathogenicity of three Italian populations of Tylenchulus semipenetrans Cobb on different hosts. (Abstract). XII Simposio Internacional De Nematologia. p.59.

Lebedeva, M. E. and O. Z. Metlitskii. 1972. Chrysanthemum eelworm on strawberry in the Crimea. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 178-179.

Lewis, S. A., F. H. Smith, and C. W. Blackmon. 1974. Host range, distribution, and control of Hoplolaimus columbus. (Abstract). J. Nematol. 6(4):p.145.

Lewis, S. A., F. H. Smith, and William M. Powell. 1974. Histopathology of infection by Hoplolaimus columbus on cotton and soybean and aspects of its pathogenicity. (Abstract). J. Nematol. 6(4):p.145.

Lordello, Luiz Gonzaga E. and Rubens R. A. Lordello. 1972. Duas plantas hospedeiras novas do nematoide Meloidogyne coffeicola. Anais da E.S.A. "Luiz de Queiroz" XXIX:61-62.

Lordello, Luiz Gonzaga E. 1974. Observacoes sobre incidencia de nematoides em uma cultura de milho. Sociedade Brasileira De Nematologia. 1:33-36.

Lordello, Luiz Gonzaga E., Francisco Carneiro Filho, Eugenio Krol Rebel, Jose Adroaldo Guidolin, and Rubens R. A. Lordello. 1974. Identificacao de nematoides em cafezais do Estado do Parana. Sociedade Brasileira De Nematologia. 1:16-24.

Lordello, Luiz Gonzaga E. and Ailton Rocha Monteiro. 1974. Informacao preliminar sobre um nematoide nocivo ao cafeeiro. Sociedade Brasileira De Nematologia. 1:13-15.

Lownsbery, B. F., G. C. Martin, H. I. Forde, and E. H. Moody. 1974. Comparative tolerance of walnut species, walnut hybrids, and wingnut to the root-lesion nematode, Pratylenchus vulnus. Plant Dis. Repr. 58(7):630-633.

Lownsbery, B. F., E. H. Moody, and A. L. Braun. 1974. Plant-parasitic nematodes in California prune orchards. Plant Dis. Repr. 58(7):633-636.

McClure, Michael A. and J. Robertson. 1973. Infection of cotton seedlings by Meloidogyne incognita and a method of producing uniformly infected root segments. Nematologica 19(4):428-434.

McClure, Michael, K. C. Ellis, and Edward L. Nigh. 1974. Post-infection development and histopathology of Meloidogyne incognita in resistant cotton. J. Nematol. 6(1):21-26.

- McLaren, Diane J. 1974. The anterior glands of adult Necator americanus (Nematoda:Strongyloidea)--I. Ultrastructural studies. International J. for Parasitology 4(1):25-37.
- McLaren, Diane J., James S. Burt, and Bridget M. Ogilvie. 1974. The anterior glands of adult Necator americanus (Nematoda:Strongyloidea)--II. Cytochemical and functional studies. International J. for Parasitology 4(1):39-46.
- Maas, P. W. Th., H. Brinkman, and J. H. Rothuis. 1972. Enige bijzondere aaltjesaantastingen in 1971. Gewasbescherming 3:46-47.
- Maas, P. W. Th., and J. Th. Klaare. 1973. Rotylenchulus reniformis and Verticillium albo-atrum on Codiaeum variegatum. Meded. Fak. Landbouwwet. 38:1291-1296.
- Marks, C. F. and J. M. Elliot. 1973. Damage to flue-cured tobacco by the needle nematode Longidorus elongatus. Can. J. Plant Sci. 53:689-692.
- Mathur, V. K. and S. K. Prasad. 1972. Role of the rice root nematode, Hirschmanniella oryzae in rice culture. Indian J. Nematol. 2(2):158-168.
- Matyasov, V. D. 1972. Nematodes of sugar beet in Kirghizia. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skraybin Inst. of Agric. 65-66.
- Mauza, B. E. 1974. Effect of Pratylenchus penetrans and Fusarium solani on the growth of alfalfa seedlings. (Abstract). J. Nematol. 6(4):145-146.
- Mavlyanov, O. M. 1972. Root-knot nematode - parasites of agricultural crops in the south of Uzbekistan. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 131-133.
- Meredith, Julia A. 1974. Plant-parasitic nematodes associated with cacao (Theobroma cacao L.) in Venezuela. Nematropica 4(2):23-26.
- Meyer, A. J. 1974. Nematodes associated with peach orchards in the South Western Cape Province of South Africa. (Abstract). XII Simposio Internacional De Nematologia. p.71.
- Mitrofanov, V. I., O. Z. Metlitskii. 1972. Nematodes as parasites of cactus and/other/succulents in the Nikita Botanical garden. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skraybin Inst. of Agric. 200-201.

- Mojtahedi, H. and B. F. Lownsbery. 1974. Pathogenicity of Criconeimoides xenoplax to prune and plum rootstocks. (Abstract). J. Nematol. 6(4):p.147.
- Monteiro, Ailton Rocha and Luiz Gonzaga E. Lordello. 1972. Nematoides parasitos do abacaxizeiro. Separata Da Revista De Agricultura XLVII(3-4):1 page.
- De Moraes, Mario Vieir, Luiz Gonzaga E. Lordello, Oswaldo A. Piccinin, and Rubens R. A. Lordello. 1972. Host plants for the coffee root-knot nematode Meloidogyne exigua. Cienciae Cultura 24(7):658-660.
-
- _____ 1973. Susceptibility of coffee trees to a root-knot nematode, Meloidogyne incognita. Nematologia Mediterranea. 1(2):107-110.
- Nandakumar, C. and Y. S. Rao. 1974. On the migratory behavior of some subterranean parasitic nematodes to aerial parts of rice plants. Nematologica 20(1):p.106.
- Novaretti, Wilson R. T., Antonio O. Roccia, Ailton Rocha Monteiro, and Luiz Gonzaga E. Lordello. 1974. Contribuicao ao estudo dos nematoides que parasitam a cana-de-acucar em S. Paulo. Sociedade Brasileira De Nematologia. 1:27-32.
- Ogbuji, R. O. and H. J. Jensen. 1974. Two Pacific northwest biotypes of Meloidogyne hapla reproduce on corn and oats. Plant Dis. Reprtr. 58(2):128-129.
- Olthof, T. H. A. 1974. The influence of high prelant population densities of Heterodera schachtii on the yield of table beets, cabbage and cauliflower. (Abstract). XII Simposio Internacional De Nematologia. 76-77.
- Olthof, T. H. A., J. W. Potter, and E. A. Peterson. 1974. Relationship between population densities of Heterodera schachtii and losses in vegetable crops in Ontario. Phytopathology 64(4):549-554.
- Oteifa, Bakir A. and Ahmed A. Osman. 1974. Host parasite of Rotylenchulus reniformis on Lycopersicum esculentum. (Abstract). XII Simposio Internacional De Nematologia. 78-79.
- Poinar, G. O., Jr. and R. Hess. 1974. An ultrastructural study of the response of Blatella germanica (Orthoptera:Blattidae) to the nematode Abbreviata caucasica (Spirurida:Physalopteridae). International J. for Parasitology 4(2):133-138.

- Ponin, I. Ya., and R. M. Gladkaya. 1973. Threshold of harmfulness for potato cyst nematode. (Abstract). Academy of Sciences of the Estonian SSR. Inst. of Zoology and Botany, Ministry of Agric. All-Union Lenin Academy Tartu. 37-38.
- Popova, M. B. 1971. The influence of plant-hosts on the development of Heterodera avenae (Woll., 1924) Filipjev, 1934). Proceedings of the All-Union Inst. of Helminthology named in honor of K. I. Skryabin. 53-56.
- Potter, J. W. and T. H. A. Olthof. 1974. Yield losses in fall-maturing vegetables relative to population densities of Pratylenchus penetrans and Meloidogyne hapla. Phytopathology 64(8):1072-1075.
- Radewald, J. D., R. Endo, and F. Shibuya. 1974. Pathogenicity of Meloidogyne incognita and its interaction with Rhizoctonia solani and Pythium ultimum on Dichondra repens. (Abstract). J. Nematol. 6(4):p.149.
- Rao, V. Nageswara. 1972. Occurrence of Hirschmanniella mucronata on rice leaves. Indian J. Nematol. 2(2):214-215.
- Rebois, R. V., B. J. Eldridge, and R. E. Webb. 1974. Reniform nematode effect on tuber yields of four potato cultivars under greenhouse conditions. (Abstract). J. Nematol. 6(4):149-150.
- Rebois, R. V., P. A. Madden, and B. J. Eldridge. 1974. Electron microscopy of syncytia development in susceptible and resistant soybean roots infected with Rotylenchulus reniformis. (Abstract). J. Nematol. 6(4):p.150.
- Riedel, R. M. and P. O. Larsen. 1974. Interrelationship of Aphelenchoides fragariae and Xanthomonas begoniae on Rieger begonia. J. Nematol. 6(4):215-216.
- Riggs, R. D. 1974. Lance nematode, a new problem in Arkansas cotton and soybeans. Arkansas Farm Research XXIII(2):p.8.
- Roman, J. 1974. Preliminary study on the nematodes associated with sugarcane in the Dominican Republic. (Abstract). Nematropica 4(2):p.18.
- Romanenko, N. D. and O. Z. Metlitskii. 1972. Longidoridae and Griconematidae parasitic on fruit trees and small fruits in the central zone of the Russian federation. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 182-184.
- Rudzyavichene, Z. Ch. 1972. Numbers of nematodes as related to frequency of clover growing. (Abstract). All-Union Lening Acadmey of Agric. Sciences. All-Union Skryabin Inst. of Agric. 60-61.

- Sagitov, A. O. 1972. Northern root-knot nematode on vegetable crops in Alma-Ata region. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 134-135.
- Schuster, M. L., Robert Sandstedt, and Larry W. Estes. 1964. Starch formation induced by a plant parasitic nematode. *Science* 143(3612): 1342-1343.
- Scotto La Massese, C. 1973. Nouvel hôte Européen de Meloidogyne hapla et de Rotylenchus robustus: Actinidia chinensis. *Nematologia Mediterranea*. 1(1):57-59.
- Siddiqi, Mohammad Rafiq. 1974. Plant-parasitic nematodes of sugarcane in Northwestern Venezuela. (Abstract). *Nematropica* 4(1):p.6.
- Sikora, R. A. 1972. Plant-parasitic nematodes associated with sugarbeet and soybean in India. *Indian J. Nematol.* 2(2):200-201.
- Sikora, R. A. and D. P. Taylor. 1974. Pathogenicity of Trichodorus christiei to creeping bentgrass. *Overdruk Uit:Mededlingen Fakulteit Landbouwwetenschappen, Gent*. 39(2):713-718.
- Singh, N. D. 1974. Preliminary investigations on the parasitic nematodes associated with tobacco in Trinidad. *Nematropica* 4(1):11-16.
- Sivakumar, C. V. and A. R. Seshadri. 1972. Histopathology of infection by the reniform nematode, Rotylenchulus reniformis Linford & Oliveira, 1940 on castor, papaya and tomato. *Indian J. Nematol.* 2(2):173-181.
- Srivastava, A. S., R. S. Verma, and Salik Ram. 1972. Susceptibility of jute varieties to root-knot nematode, Meloidogyne javanica (Treub, 1885) Chitwood, 1949. *Indian J. Nematol.* 2(2):198-199.
- Szczygiel, A. 1974. Pathogenicity of plant parasitic nematodes to strawberry plants as affected by host plant condition and environmental factors. Research Institute of Pomology Experimental Station, Brzezna - Poland. 1-13.
- Tarakanov, V. I. 1972. Receiving of aseptic specimens of Ditylenchus destructor and their viability in sterile potato tubers. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 110-111.
- Timofeev, N. N. and I. Ya. Ponin. 1973. Decrease of population density of potato cyst nematode by treatment with micro-doses of picrolonic acid with growing forage grasses. (Abstract). Academy of Sciences of the Estonian Agric. All-Union Lenin Academy Tartu. p.63.

Tomerlin, A. T. and J. H. O'Bannon. 1973. Effect of Radopholus similis and Pratylenchus brachyurus on citrus seedlings in three soils. Soil and Crop Science Society of Florida. 33:95-97.

Townshend, J. L., J. W. Potter, C. F. Marks, and A. Loughton. 1973. The pin nematode, Paratylenchus projectus, in rhubarb in Ontario. Can. J. Plant Sci. 53:377-381.

Trudgill, D. L. and L. B. Forer. 1974. Feeding of Longidorus spp. in relation to acquisition and transmission of plant viruses. (Abstract). XII Simposio Internacional De Nematologia. 105-106.

Usmanova, A. Z. 1972. Nematodes of some ornamental plants in Uzbekistan. (Abstract). All-Union Skraybin Inst. of Agric. Sciences. All-Union Skraybin Inst. of Agric. 201-202.

Vacheisvili, A. A. 1972. Study of the comparative tolerance of tomato varieties to southern root-knot nematode. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 153-154.

Vetrova, S. N. 1972. Nematodes of agricultural crops on bog soils in Byelorussia. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skraybin Inst. of Agric. 67-68.

Volkova, M. P. and O. Z. Metlitskii. 1972. Parasitic nematodes of raspberry in the non-Chernozem zone of the Russian federation. (Abstract). All-Union Skraybin Inst. of Agric. Sciences. All-Union Skraybin Inst. of Agric. p.181.

Weischer, B. 1974. Interspecific competition between Aphelenchoides ritzemabosi and Ditylenchus on tobacco. (Abstract). XII Simposio Internacional De Nematologia. 109-110.

Zacheo, G. and F. Lamberti. 1974. Effect of Meloidogyne incognita (Kofoid et White) Chitwood, on the nicotine content of tobacco leaves. (Abstract). XII Simposio Internacional De Nematologia. p.111.

Zakhidov, M. T. 1972. Nematodes of aquaeous plants and on sandy bottom in Kura Bay of the Baltic sea. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skraybin Inst. of Agric. 69-70.

Zinov'ev, V. G. 1972. Results and perspectives of investigation of relationships between gall producing nematodes and plants. (Abstract). All-Union Lening Academy of Agriculture Sciences. All-Union Skryabin Inst. of Agric. 17-19.

RESISTANCE

Amosu, J. O. and J. D. Franckowiak. 1974. Inheritance of resistance to root-knot nematode in cowpea. *Plant Dis. Reptr.* 58(4):361-363.

Borovikova, A. N. 1972. Intensity of root infection by the nematode in resistant and susceptible potato varieties as affected by soil moisture. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 83-84.

Bryushkova, F. I. 1971. A study of the resistance of cultural varieties and wild species of sugarbeet to sugarbeet nematode. Proceedings of the All-Union Inst. Helminthology named in honor of K. I. Skryabin. 6:5-12.

_____ 1972. Testing the sugar beet and some other beet species on resistance to beet cyst eelworm. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 62-63.

Bujauskas, A. 1973. A Lithuanian potato variety, resistant to potato cyst nematode. (Abstract). Academy of Sciences of the Estonian SSR. Inst. of Zoology and Botany, Ministry of Agric. All-Union Lenin Academy Tartu. p.36.

Campos, Antonio Rodrigues, Luiz Gonzaga E. Lordello, Oldemar Cardim Abreu, and Domin Gos Azevedo Oliveira. 1974. Incidencia de nematoides do genero Meloidogyne em variedades de amoreira. Sociedade Brasileira De Nematologia. 1:3-12.

Caviness, C. E., R. D. Riggs, and H. J. Walters. 1974. Lee 74, an improved soybean resistant to root-knot nematode and phytophthora rot. *Arkansas Farm Research* XXIII(2):p.7.

Cook, Roger. 1974. Nature and inheritance of nematode resistance in cereals. *J. Nematol.* 6(4):165-174.

Curi, Sergio Monteiro, Romeu A. S. Kihl, and Salima G. P. da Silveira. 1974. Resultados preliminares da resistencia genetica de soja aos nematoides Meloidogyne incognita and M. javanica. Sociedade Brasileira De Nematologia. 1:1-2.

Efremenko, V. P. and E. T. Klimakova. 1972. Testing of potato varieties and seedlings on resistance to potato cyst eelworm. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 80-81.

Eriksson, K. B. 1974. Intraspecific variation in Ditylenchus dipsaci. I. Compatibility tests with races. *Nematologica* 20(2):147-162.

Erturk, H. and S. Ozkut. 1974. Investigations on some grape root-stocks for determining their resistance to root-knot nematodes (Meloidogyne spp.) in the Ege region. XII Simposio Internacional De Nematologia. p.29.

Fazuoli, L. C., L. C. Monaco, A. Carvalho, and M. H. Scali. 1974. Estudo da resistencia de cafeeiros a nematoides. Sociedade Brasileira De Nematologia. 1:25-26.

Gladkaya, R. M. 1972. Development of the potato cyst eelworm on resistant and susceptible potato varieties. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 81-82.

Gladkaya, R. M. and I. Ya. Ronin. 1973. Race investigation of potato cyst nematode in Byelorussia. (Abstract). Academy of Sciences of the Estonian SSR. Inst. of Zoology and Botany, Ministry of Agric. All-Union Lenin Academy Tartu. p.46.

Gushchin, B. E. 1972. On resistance of some tomato varieties to root-knot nematodes. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. p.152.

Guskova, L. A. 1973. On race investigation of potato cyst nematode in Leningrad region. (Abstract). Academy of Sciences of the Estonian SSR. Inst. of Zoology and Botany, Ministry of Agric. All-Union Lenin Academy Tartu. 44-45.

Gus'kova, L. A. 1972. Comparison of development of the potato cyst eelworm in different potato varieties, distinguished by their resistance. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 82-83.

Gus'kova, L. A. and R. M. Gladkava. 1972. Results of investigations on the control of the potato cyst eelworm using resistant potato varieties in the Belorussian SSR. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 78-79.

Hijink, M. J. 1972. Ontwikkelingen betreffende de bestrijding van aardappelmoeheid. Gewasbescherming 3:137-142.

Kalnozols, A. E. 1973. Economic evaluation of potato varieties, resistant to potato cyst nematode. (Abstract). Academy of Sciences of the Estonian SSR. Inst. of Zoology and Botany, Ministry of Agric. All-Union Lenin Academy Tartu. 34-35.

Kinloch, R. A. and K. Hinson. 1974. Comparative resistance of soybeans to Meloidogyne javanica. (Abstract). Nematropica 4(2):17-18.

- Kort, J. and C. P. Jaspers. 1973. Shift of pathotypes of Heterodera rostochiensis under susceptible potato cultivars. *Nematologica* 19(4): 538-545.
- Krall, E. L., U. R. Riispere, and A. J. Riispere. 1972. On results of race investigations of the potato cyst eelworm on the territory of the Estonian SSR. (Abstract). All-Union Lening Academy of Agric. Sciences All-Union Skryabin Inst. of Agric. 76-77.
- Krall, E. L. 1973. On pathotypes of potato cyst nematode. (Abstract). Academy of Sciences of the Estonian SSR. Inst. of Zoology and Botany, Ministry of Agric. All-Union Lenin Academy Tartu. 47-50.
- Krall, E. L., U. R. Riispere, and A. J. Riispere. 1973. Effect of growing resistant and susceptible potatoes on the density of potato cyst nematode in soil cultures. (Abstract). Academy of Sciences of the Estonian SSR. Inst. of Zoology and Botany, Ministry of Agric. All-Union Lenin Academy Tartu. 54-57.
- McClure, Michael A., K. C. Ellis, and Edward L. Nigh. 1974. Resistance of cotton to the root-knot nematode, Meloidogyne incognita. *J. Nematol.* 6(1):17-20.
- Macaron, J. N. 1974. Study of the resistance of two varieties of tomato to Meloidogyne and *Phytophthora parasitica*. (Abstract). XII Simposio Internacional De Nematologia. p.64.
- Miller, L. I. 1974. Susceptibility of Pearson A-1 tomato (Lycopersicon esculentum) to certain isolates of Heterodera glycines. (Abstract). XII Simposio Internacional De Nematologia. 71-72.
- Nazarenko, B. P. and Yu. P. Boiko. 1972. Some results of investigations of nematode resistant species and hybrids of potato. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 78-79.
- Olefir, V. V. 1972. Resistance breeding of potato to potato tuber nematode. (Abstract). All-Union Lening Academy of Agric. Sciences All-Union Skryabin Inst. of Agric. 101-103.
- Orr, Calvin C. and E. D. Morey. 1974. Resistance reactions of castor and guar to root-knot nematodes. *Phytopathology* 64(12):1533-1536.
- Pitcher, J. R. 1974. Reduction of resistance of tomato to Fusarium oxysporum f. sp. lycopersici by Meloidogyne javanica. (Abstract). *J. Nematol.* 6(4):p.148.

- Ponin, I. Ya. 1972. On elaboration of methods for testing tomatoes on resistance to potato cyst eelworm. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 84-85.
- Ponin, I. Ya., L. A. Pantyukhina, and N. N. Timofeev. 1973. Perspectivity of selection of Heterodera-resistant potato varieties in Byelorussia. (Abstract). Academy of Sciences of the Estonian SSR. Inst. of Zoology and Botany, Ministry of Agric. All-Union Lenin Academy Tartu. p.33.
- Rasina, B. P. 1972. Effect of degree of soil infestation on intensity of infection of nematode resistant potato varieties by potato cyst eelworm. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 86-87.
- Roccia, Antonio O. and Luiz Gonzaga E. Lordello. 1974. Estudo da resistencia de variedades de cana-de-acucar a infestacao por Meloidogyne javanica. Sociedade Brasileira De Nematologia. 1:37-53.
- Shepherd, R. L. 1974. Breeding root-knot-resistant Gossypium hirsutum L. using a resistant wild G. barbadense L. Crop Sci. 14(5):687-691.
- Sidhu, Gurmeh and John M. Webster. 1973. Genetic control of resistance in tomato. I. Identification of genes for host resistance to Meloidogyne incognita. Nematologica 19(4):546-550.
- Steele, A. E. and H. Savitsky. 1974. Quantitative and qualitative evaluation of resistance of interspecific hybrids Beta vulgaris X B. procumbens to Heterodera schachtii. (Abstract). J. Nematol. 6(4):p.153.
- Taylor, D. P. 1974. Observations on a resistant and a susceptible variety of tomato in a field heavily infested with Meloidogyne in Senegal. (Abstract). XII Simposio Internacional De Nematologia. 97-98.
- Van Gundy, S. D., Jose Gustavo Perez B., L. H. Stolzy, and I. J. Thomason. 1974. A pest management approach to the control of Pratylenchus thornei on wheat in Mexico. J. Nematol. 6(3):107-116.

BIOLOGICAL CONTROL

- Anon. 1974. Nematode parasitizes boll weevil. Agricultural Research 22(8):p.11.
- Cayrol, J. C. and B. Dreyfus. 1974. Role and specificity of some bacteria associated with different nematodes in mushroom composts. XII Simposio Internacional De Nematologia. 22-23.

Craig, S. M. and J. M. Webster. 1974. Inhibition of molting of the desert locust, Schistocerca gregaria, by the nematode parasite Mermis nigrescens. Canadian J. Zoology 52(12):1535-1539.

Fedorinchik, N. S. 1964. Biological method of controlling plant diseases. Trudy Vses. Nauch. -Issled. Inst. Zashch. Rast. 23:201-210.

Galsky, A. G., H. L. Monoson, and Shirley A. Williams. 1974. A bioassay for measuring crude nematode extract which induced trap formation in a predaceous fungus. Nematologica 20(1):39-42.

Gordon, Roger, Charles H. Bailey, and Janette M. Barber. 1974. Parasitic development of the mermithid nematode Reesimermis nielsenii in the larval mosquito Aedes aegypti. Canadian J. Zoology 52(11):1293-1302.

Ismailov, G. M. and D. S. Bakhyshov. 1972. On results of testing predaceous fungi in control of root-knot nematodes. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 160-161.

Johnson, Arthur A. 1974. The cystic stage of Octomyomermis itascensis (Nematoda:Mermithidae) in Chironomus plumosus (L.) (Diptera). J. Parasitol. 60(3):458-459.

Johnson, Leander F. 1974. Extraction of oat straw, flax, and amended soil to detect substances toxic to the root-knot nematode. Phytopathology 64(11):1471-1473.

Kakuliya, G. A. 1972. Investigation of nematodes parasitic in harmful insects in Georgia. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. p.229.

Kondakova, E. I. 1972. Possibilities for using of parasitic fungi in elaboration of a biological method of controlling the potato cyst eelworm. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 90-91.

_____. 1973. Experience of use of parasitic fungi in control of potato cyst nematode. (Abstract). Academy of Sciences of the Estonian SSR. Inst. of Zoology and Botany, Ministry of Agric. All-Union Lenin Academy of Tartu. 58-59.

Kosovets, V. S. and N. P. Lukashuk. 1972. Experience of controlling parasitic nematodes in mushrooms using predaceous fungi. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. p.162.

- Kosovets, V. S. and N. V. Matskevich. 1972. New method for mass producing of preparation of predaceous fungi for biological control of phytohelminths. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 163-164.
- Laumond, C. 1974. Alternation of bisexual and parthenogenetic generations in the cycle of a new species of bacterial vector entomoparasitic Rhabditidae. (Abstract). XII Simposio Internacional De Nematologia. p.60.
- Matskvitch, N. V., R. M. Rykaleva, and V. S. Kosovets. 1971. The use of predacious fungi in the control of cucumber gall nematode (Meloidogyne incognita/Kofoid and White, 1919/Chitwood, 1949). Proceedings of the All-Union Inst. of Helminthology named in honor of K. I. Skryabin. 41-46.
- Matskevich, N. V. 1972. Possibilities and perspectives of application of predaceous fungi in the control of phytonematodes. (Abstract). All-Union Skraybin Inst. of Agric. Sciences. All-Union Skraybin Inst. of Agric. 173-174.
- Monoson, H. L., A. G. Galsky, and R. S. Stephano. 1974. Studies on the ability of various nematodes to induce trap formation in a nematode-trapping fungus Monacrosporium doedycoides. Nematologia 20(1):96-102.
- Nickle, William R. 1974. Nematode infections. Insect Diseases II:327-376.
- _____. 1974. A new mermithid nematode genus parasitic in the boll weevil in Louisiana. (Abstract). J. Nematol. 6(4):p.147.
- Nickle, W. R. and P. Grijpma. 1974. Studies on the shootborer Hypsipyla grandella (Zeller) (Lep., Pyralidae) XXV. Hexamermis albicans (Siebold) (Nematoda). Turrialba 24(2):222-226.
- Poinar, G. O., Jr. 1974. On the structure of the preparasitic juveniles of mermithids. (Abstract). J. Nematol. 6(4):p.148.
- Poinar, George O., Jr. and Roberta Hess. 1974. Structure of the pre-parasitic juveniles of Filipjevimermis leipsandra and some other Mermithidae (Nematodea). Nematologica 20(2):163-173.
- Riding, Irene L. and N. G. M. Hague. 1974. Some observations on a Tylenchid nematode Howardula sp. parasitizing the mushroom phorid Megasalia halterata (Phoridae:Diptera). Ann. appl. Biol. 78(3):205-211.

Rutherford, T. A. 1974. Transcuticular uptake of glucose by the entomophilic nematode Mermis nigrescens from the hemocoel of the desert locust. (Abstract). J. Nematol. 6(4):150-151.

Sanders, R. D., E. L. R. Stokstad, and C. Malatesta. 1973. Axenic growth of Reesimermis nielsenii (Nematoda:Mermithidae) in insect tissue culture media. Nematologica 19(4):567-568.

Udalova, V. B. 1971. The use of predacious fungus Arthrobotrys oligospora Fres. in the control of the cucumber gall nematode. Proceedings of the All-Union Inst. of Helminthology named in honor of K. I. Skyrabin. 115-120.

_____. 1972. Selection of predaceous fungi Arthrobotrys oligospora Fres and experience of their application in controlling root-knot nematodes on cucumbers. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 161-162.

Webster, J. M. and R. Gordon. 1974. The cuticle structure of larval Mermis nigrescens and its possible function. (Abstract). J. Nematol. 6(4):p.154.

Willcox, J. and H. T. Tribe. 1974. Fungal parasitism in cysts of Heterodera. I. Preliminary investigations. Trans. Br. Mycol. Soc. 62(3):585-594.

Zakhidov, M. T. 1973. Mermithids, parasites of some food organisms of fish. Gidrobiologicheskii Zhurnal. 9(1):99-102.

CULTURAL CONTROL

Anon. 1974. P.L. 480 Research. Soil amendments reduce root-knots. Agricultural Research 23(4):p.17.

Baranovskaya, I. A. and V. A. Ivashkina. 1972. Effect of some preceding crops on species and numbers of nematodes on winter wheat. (Abstract). All-Union Lening Academy of Agriculture Sciences. All-Union Skryabin Inst. of Agric. 35-36.

Bird, G. W., O. L. Brooks, C. E. Perry, J. G. Futral, T. D. Canerday, and F. C. Boswell. 1974. Influence of subsoiling and soil fumigation on the cotton stunt disease complex, Hoplolaimus columbus and Meloidogyne incognita. Plant Dis. Repr. 58(6):541-544.

Caveness, F. E. 1974. Plant-parasitic nematode population differences under no-tillage and tillage soil regimes in western Nigeria. (Abstract). J. Nematol. 6(4):p.138.

Chukantseva, N. K. 1972. Some data on effect of mineral fertilization on potato tuber nematode. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 104-105.

Efremenko, V. P. and E. T. Klimakova. 1971. The basing and working up of the integrated method of control of potato nematode. Proceedings of the All-Union Inst. of Helminthology named in honor of K. I. Skryabin. 13-21.

_____. 1972. Integrated method of controlling the potato cyst eelworm. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 75-76.

_____. 1972. Northern root-knot nematode in the Lithuanian SSR and elaboration of control measures against it. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 133-134.

Efremenko, V. P. and O. M. Zhuk. 1972. Oat cyst eelworm and elaboration of control measures in Novosibirsk region. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 28-29.

Furstenberg, P. J. 1974. The effect of cultivation on soil nematodes, especially Rotylenchulus parvus. (Abstract). XII Simposio Internacional De Nematologia. p.31.

Gendzekhadze, L. Sh. 1972. Testing of a complex of mineral fertilizers and microelements with a view of limitation of harmfulness of root-knot nematode. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 154-155.

Glaz, V. M. and Z. G. Shepshelev. 1972. Effect of manuring on sanitation of planting material and soil against potato stem nematode. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 105-106.

Gritsenko, V. P. 1972. Relationships between some nematode species on spring wheat under crop rotation. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. p.38.

Ivanova, B. P. 1971. The role of field rotation in the control of Ditylenchus destructor Thorne, 1945. Proceedings of the All-Union Inst. of Helminthology named in honor of K. I. Skryabin. 23-26.

Kapitonenkno, S. V. 1972. Importance of agrotechnical measures in decreasing potato infection by the tuber nematode. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 106-107.

Kinloch, R. A. 1974. Influence of cropping on nematode fauna of Southern Coastal Plain woodlands. (Abstract). J. Nematol. 6(4):144-145.

Maas, P. W. Th. 1974. Crop rotation and soil fumigation to control spraing disease of potatoes (Trichodorus-tobacco rattle virus). (Abstract). XII Simposio Inrernacional De Nematologia. p.63.

Macedo, M. C., M. H. P. Haag, and Luiz Gonzaga E. Lordello. 1974. Influenica do nematoide Meloidogyne exguia Goeldi, 1887, na absorcao de nutrientes em plantas jovens de cafeeiro - Resultados preliminares. Sociedade Brasileira De Nematologia. 1:54-73.

Murphy, W. S., B. B. Brodie, and J. M. Good. 1974. Population dynamics of plant nematodes in cultivated soil: Effects of combinations of cropping systems and nematicides. J. Nematol. 6(3):103-107.

Netscher, C. 1974. Influence of groundnut, strawberry, and millet on populations of Meloidogyne in Senegal. (Abstract). XII Simposio Internacional De Nematologia. p.73.

Pitcher, R. S. and D. G. McNamara. 1974. Cultural control of the infection of replanted hops with arabis mosaci virus, transmitted by Xiphinema diversicaudatum. (Abstract). XII Simposio Internacional De Nematologia. 84-85.

Pupavkina, G. M. 1971. A method of cultivation of Ditylenchus destructor on plant tissues. Proceedings of the All-Union Helminthology named in honor of K. I. Skyrabin. 77-78.

_____. 1972. Propagation of the potato tuber nematode in laboratory conditions. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. p.112.

Roman, J., Xiomara Rivas, and J. Rodriguez. 1974. Nematode control in plantains with a Pangola grass rotation. (Abstract). Nematropica 4(1):4-5.

Tikhonova, L. V. 1971. "Entrapping" and "attracting" crops for dehelminthization of the soil infected with cysts of Heterodera avenae Woll. 1924. Proceedings of the All-Union Inst. of Helminthology named in honor of K. I. Skryabin. 99-104.

_____. 1972. Use of higher plants as 'trap' or 'lure' crops for soil disinfestation of oat cyst eelworm. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. p.33.

Tikhonova, L. V. and P. I. Smirnov. 1972. Varietal response of wheat and preceding crops on harmfulness of the oat cyst nematode. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 32-33.

Tobar, A. and F. Palacios. 1974. Nematode dispersal by irrigation water. (Abstract). XII Simposio Internacional De Nematologia. 103-105.

Vasudeva, Menon P. P. and D. Thangaraju. 1973. Effect of crop rotation on the population of the potato golden nematode (Heterodera rostochiensis Woll.) in the Nilgiris. Indian J. Agric. Sci. 43(3): 304-306.

CHEMICAL CONTROL

Abdalla, Nabil, D. J. Raski, B. Lear, and R. V. Schmitt. 1974. Movement, persistence, and nematicidal activity of a pesticide containing 1,3-dichloropropene in soils treated for nematode control in replant vineyards. Plant Dis. Repr. 58(6):562-566.

Abdel-Rahman, T. B., D. M. Elgindi, and B. A. Oteifa. 1974. Efficacy of certain systemic pesticides in the control of root-knot and reniform nematodes of potato. Plant Dis. Repr. 58(6):517-520.

Abrego, Leopoldo. 1974. Screening tests with nematicides for the control of Pratylenchus coffeae in coffee nurseries. (Abstract). Nematropica 4(2):p.17.

Alvarino, E. Herrera. 1974. Comportamiento de algunos nematicides en el control quimico del nematode dorado de la papa Heterodera rostochiensis Woll. (Abstract). XII Simposio Internacional De Nematologia. 45-46.

Andreeva, V. I. 1972. The strawberry stem nematode and its control in central Chernozem regions of the Russian Federation. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 177-178.

Anon. 1974. Control of Nematodes and plant diseases. Agriculture Information Bulletin 368:16-24.

Averre, C. W., L. W. Nielsen, and K. R. Barker. 1974. Organic pesticides for controlling Meloidogyne incognita on Impomoea batatas. Phytopathology 64(6):p.767.

Ayala, Alejandro and Frank Sequeira. 1974. Yield increases of pineapple (smooth Cayenne var.) by means of foliar applications of systemic nematicides. (Abstract). Nematropica 4(1):p.1.

- Baines, R. C. and R. H. Small. 1974. Evidence of modes of action of oxamyl nematicide on Tylenchulus semipenetrans. (Abstract). J. Nematol. 6(4):p.135.
- Bakhyshov, D. S. and G. M. Ismailov. 1972. On application of fumigant-93 in control of root-knot nematode on irrigated areas in Azerbaidzhan. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. p.148.
- Barker, K. R. 1974. Pest management--the need to relate nematode densities to crop performance. (Abstract). J. Nematol. 6(4):135-136.
- Bashkardin, V. I. and Z. G. Shepshelev. 1972. Potato tuber nematode in Ul'yanovsk region and evaluation of methods of controlling it. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 99-100.
- Belokurskaya, V. I. 1973. Methods of control of the potato cyst nematode in the Lithuanian SSR. (Abstract). Academy of Sciences of the Estonian SSR. Inst. of Zoology and Botany, Ministry of Agric. All-Union Lenin Academy Tartu. 29-30.
- Bird, G. W., J. R. Rich, and Sue U. Glover. 1974. Increased endomycorrhizae of cotton roots in soil treated with nematicides. Phytopathology 64(1):48-51.
- Blackmon, Cyril W. and Harold L. Musen. 1974. Control of the Columbia (lance) nematode Hoplolaimus columbus on soybeans. Plant Dis. Reprtr. 58(7):641-645.
- Boparai, J. S. and N. G. M. Hague. 1974. The response of the potato cyst nematode, Heterodera rostochiensis, and the root knot nematode, Meloidogyne incognita to Dowco 275. (Abstract). J. Nematol. 6(4):p.136.
- Borazanci, N., H. Erturk, and Y. Arinc. 1974. Chemical control of citrus nematode. XII Simposio Internacional De Nematologia. p.16.
- Brathwaite, C. W. D. 1974. Effect of crop sequence and fallow on populations of Rotylenchulus reniformis in fumigated and untreated soil. Plant Dis. Reprtr. 58(3):259-261.
- _____. 1974. Effect of DD soil fumigant on nematode population and sweetpotato yields in Trinidad. Plant Dis. Reprtr. 58(11):1048-1051.
- Brown, George, Donald C. M. Corbett, Geoffrey A. Hide, and Robin M. Webb. 1974. Bromine residues in potato and wheat crops grown in soil fumigated with methyl bromide. Pestic. Sci. 5:25-29.

- Bunt, J. A. 1973. Influence of temperature on the population density of Pratylenchus penetrans and the growth response of Pyrus malus (L.) seedlings, after a soil drench with S-Methyl 1-(Dimethylcarbamoyl)-N-(Methyl-carbamoyl)OXY)Thioformimidate. Mededelingen Fakulteit Landbouwwetenschappen, Gent. 1259-1274.
- Chhabra, H. K. and R. Mahajan. 1974. Effect of three granular nematicides in the control of root-knot and stunt nematodes infesting tomato. XII Simposio Internacional De Nematologia. p.27.
- Dale, P. S. and G. J. van der Mespel. 1972. Control of root-knot nematodes on Chinese gooseberry (Kiwi fruit), Actinidia chinensis, by chemical bare-root dip. Plant Dis. Repr. 56(10):850-851.
- Dickson, D. W. and D. J. Mitchell. 1974. Nematode and soil-borne disease control on peanut. (Abstract). J. Nematol. 6(4):138-139.
- Drozdovskii, E. M. 1972. On application of embryological data in nematode systematics. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 230-231.
- Eglitis, V. 1973. Development of control methods of potato cyst nematode in the Latvian SSR. (Abstract). Academy of Sciences of the Estonian SSR. Inst. of Zoology and Botany, Ministry of Agric. All-Union Lening Academy Tartu. 26-28.
- Ehamaa, A. 1972. Control of potato cyst eelworm. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 123-124.
- Elliot, J. M., C. F. Marks, and C. M. Tu. 1972. Effects of nematicides on Pratylenchus penetrans, soil microflora, and flue-cured tobacco. Can. J. Plant Sci. 52:1-11.
- Elliot, J. M. and C. F. Marks. 1972. Control of nematodes in flue-cured tobacco in Ontario. Canada Department of Agriculture Publication 1465:3-10.
- Feldmesser, J. 1974. Introduction and nematode control part of AH378. Guidelines for the chemical control of plant diseases and nematodes. Agricultural Research Service, U.S. Dept. of Agriculture, Agriculture Handbook No. 378:1.1-311.11.
- Feldmesser, J. and A. M. Golden. 1974. Bionomics and control of nematodes in a large turf area. (Abstract). J. Nematol. 6(4):p.139.
- Ferris, Howard. 1974. Correlation of tobacco yield, value, and root-knot index with early-to-midseason, and postharvest Meloidogyne population densities. J. Nematol. 6(2):75-81.

- Gommers, F. J. 1973. Nematicidal principles in compositae. Mededelingen Landbouwhogeschool Wageningen-Nederland 73-17(1973):1-71.
- Gowen, S. R. 1974. Banana nematode control with DBCP and four granular nematicides in the Windward Islands. (Abstract). Nematropica 4(2):p.17.
- Guerout, R. and A. Pinon. 1973. Utilisation du Prophos dans la lutte contre Radopholus similis Cobb (Nematoda:Tylenchidae) en bananeraie. Fruits 28(11):751-756.
- Guerout, R. 1974. Quatre nematicides recents et leurs possibilites d'utilisation en bananeraie. Fruits 29(5):339-347.
- Gurlev, A. S. and E. T. Platonova. 1972. Root-knot nematode control in greenhouses of Moscow region. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 155-156.
- Guskova, L. A. and R. M. Gladkaja. 1974. Integrated approach to the control of the golden nematode, Heterodera rostochiensis. J. Nematol. 6(4):185-186.
- Hague, N. G. M. and J. S. Boparai. 1974. The response of the potato cyst nematode, Heterodera rostochiensis to non-volatile nematicides. XII Simposio Internacional De Nematologia. p.42.
- Harrison, Martin B. 1974. Control of golden nematode (Heterodera rostochiensis) with systemic nematicides. (Abstract). Nematropica 4(1):1-2.
- Hart, W. H. and A. R. Maggenti. 1974. The use of systemic nematicides on ornamental bulb crops. (Abstract). J. Nematol. 6(4):p.142.
- Heald, C. M. 1974. Citrus nematode control with a low annual rate of DBCP. (Abstract). J. Nematol. 6(4):p.142.
- _____ 1974. A comparison of annual and triennial applications of DBCP for control of the citrus nematode. Nematropica 4(2):20-23.
- Hide, G. A. and D. C. M. Corbett. 1974. Field experiments in the control of Verticillium dahliae and Heterodera rostochiensis on potatoes. Ann. appl. Biol. 78(3):295-307.
- Homeyer, B. 1974. Experience gained with Nemacur in banana and citrus growing. (Abstract). XII Simposio Internacional De Nematologia. 48-49.
- Inserra, R. N. and J. H. O'Bannon. 1974. Systemic activity of phenamipho's for control of Meloidogyne arenaria on Gardenia jasminoides and Ficus carica. Plant Dis. Repr. 58(12):1075-1077.

Inserra, R., J. H. O'Bannon, and W. A. Yuhl. 1974. Systemic activity of phenamiphos on control of Meloidogyne arenaria on Gardenia jasminoides. (Abstract). Nematropica 4(1):p.2.

Jatala, Parviz and Harold J. Jensen. 1974. Oxamyl controls Longidorus elongatus on peppermint in greenhouse experiments. Plant Dis. Reprtr. 58(7):591-593.

Johnson, A. W. and S. A. Harmon. 1974. Cantaloup yield and grade increased by chemical control of Meloidogyne incognita. Plant Dis. Reprtr. 58(8):746-749.

_____. 1974. Lima bean yield increased by chemical control of Meloidogyne incognita. Plant Dis. Reprtr. 58(8):749-753.

Johnson, A. W., S. A. Harmon, and R. B. Chalfant. 1974. Influence of organic pesticides on nematode and insect damage and on yield and grade of sweetpotato. Plant Dis. Reprtr. 58(3):239-243.

Johnson, D. E. 1974. Observations on soil conditions and effective soil fumigation. (Abstract). J. Nematol. 6(4):p.144.

Johnson, P. W. and R. J. McClanahan. 1974. Nematode control and other effects of soil treatment of greenhouse rose beds with aldicarb and oxamyl. Plant Dis. Reprtr. 58(8):730-732.

Keetch, D. P. 1974. The effect of nematicides on feeding, posture, and dispersal of Aphelenchus avenae. Nematologica 20(2):107-118.

Kinloch, R. A. 1974. Response of soybean cultivars to nematicidal treatments of soil infested with Meloidogyne incognita. J. Nematol. 6(1):7-11.

Koev, G. V. 1972. Testing of nemagon against nematodes, transmitting viruses. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skraybin Inst. of Agric. p.187.

Koliopanos, C. N. 1974. Effect of granular nematicides on the citrus nematode, Tylenchulus semipenetrans Cobb, 1913 in Greece. (Abstract). XII Simposio Internacional De Nematologia. 56-57.

Le Patourel, G. N. and D. J. Wright. 1974. Organophosphorus pesticide metabolism associated with nematodes; the role of bacteria. Nematologica 20(1):104-106.

McKenry, M. V. and I. J. Thomason. 1974. The influence of cis-1,3-dichloropropene on grape rootings. (Abstract). J. Nematol. 6(4):p.146.

Malek, R. B. 1974. Control of Meloidogyne hapla on peony by chemical bare-root dip. Plant Dis. Reptr. 58(11):997-999.

Marks, C. F., J. M. Elliot, and C. M. Tu. 1972. Effects of deep fumigation on Pratylenchus penetrans, flue-cured tobacco, and soil nitrate content. Can. J. Plant Sci. 52:425-430.

Midha, S. K. and M. K. Chhabra. 1972. Preplant application of DBCP and its phytotoxicity to certain vegetable crops. Indian J. Nematol. 2(2):207-210.

Mikhailova, L. P. 1972. On efficiency of extra nutrition of tomatoes with superphosphate and application of nematicides. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 156-157.

Minton, N. A. and E. D. Donnelly. 1973. Nematode-resistant sericea being developed. Georgia Agricultural Research. 7-9.

Minton, N. A. and M. B. Parker. 1974. Interaction of four soybean cultivars with subsoiling and a nematicide. (Abstract). J. Nematol. 6(4):146-147.

_____. 1974. Yields of six soybean cultivars following fumigation of soil infested with root knot nematodes. Phytopathology 64(2):219-221.

De Moraes, Mario Vieira. 1974. Pesquisas sobre os nematoides do cafeeiro. Sociedade Brasileira De Nematologia. 1:81-90.

Morris, Ray F. and K. G. Proudfoot. 1974. Chemical control of the golden nematode, Heterodera rostochiensis: Greenhouse observations on performance of granular insecticides-nematicides and the effect of cyst placement on inoculation. Can. Plant Dis. Surv. 54(3):77-80.

Netscher, Caspar and Jean-Claude Mauboussin. 1973. Resultats d'un essai concernant l'efficacite comparee d'une variete de tomate reistante et de certains nematicides contre Meloidogyne javanica. Cahiers O.R.S.T.O.M. Serie Biologie. 21:97-102.

Ngundo, B. W. and D. P. Taylor. 1974. Effects of Meloidogyne spp. on bean yields in Kenya. Plant Dis. Reptr. 58(11):1020-1023.

Norris, M. G., W. O. Miller, W. G. Wright, J. A. Combs, and J. P. Maybry. 1974. Fumazone 86E nematicide and a preplant incorporated herbicide as a tank mix for nematode and cocklebur control in soybeans. Down To Earth 29(4):3-5.

- O'Bannon, J. H., A. C. Tarjan, and F. W. Bistline. 1973. Control of Pratylenchus brachyurus on citrus and tree response to chemical treatment. Soil and Crop Science Society of Florida. 65-67.
- O'Bannon, J. H., A. T. Tomerlin, and G. K. Rasmussen. 1974. Laboratory studies on application and movement of 1,2-dibromo-3-chloropropane in a Florida soil. (Abstract). Nematropica 4(1):p.3.
- O'Melia, Frances C. 1974. Nellite* nematocide as a transplant water nematocide for early season control of root-knot nematodes on tobacco. Down To Earth 29(4):18-20.
- Orion, D. and H. Hoestra. 1974. The effect of root-knot nematodes and Ethrel on Fusarium wilt of tomatoes. Neth. J. Pl. Path. 80:28-36.
- Orr, Calvin C. 1974. Interaction of nematicides and herbicides for pest control on cotton. Plant Dis. Repr. 58(2):120-121.
- den Ouden, H. 1974. The effect of aldicarb, superfamily applied, and mixed into the soil, on Pratylenchus penetrans and Heterodera rostochiensis in potatoes. (Abstract). XII Simposio Internacional De Nematologia. 83-84.
- Overman, A. J. 1974. Effect of nematicides and temperature on Paratylenchus and Basiroides associated with philodendron. (Abstract). Nematropica 4(1):3-4.
- Parker, K. G. and W. F. Mai. 1974. Root diseases of fruit trees in New York State. VI. Damage caused by Pratylenchus penetrans to apple trees in the orchard growing on different rootstocks. Plant Dis. Repr. 58(11):1007-1011.
- Perry, V. G. and D. W. Dickson. 1974. Nematode control on turfgrasses. (Abstract). Nematropica 4(1):p.4.
- Ponin, I. Ya. 1972. Effect of some insecticides and fungicides and mineral fertilization on intensity of infection of the potato by potato cyst eelworm. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 88-89.
- Powell, D. F. 1974. Fumigation of field beans against Ditylenchus dipsaci. Pl. Path. 23(3):110-113.
- Radewald, J. D., S. T. Besemer, and F. Shibuya. 1974. Control of the root-knot nematode, Meloidogyne incognita, on carnations with multiple foliar sprays of oxamyl and preplant applications of granular nematicides. (Abstract). J. Nematol. 6(4):148-149.

- Reddy, D. D. R. and A. R. Seshadri. 1972. Studies on some systemic nematicides. II. Further studies on the action of thionazin and aldicarb on Meloidogyne incognita and Rotylenchulus reniformis. Indian J. Nematol. 2(2):182-190. .
- Rhoades, H. L. 1974. Chemical control of sting and root-knot nematodes on cucumbers. (Abstract). XII Simposio Internacional De Nematologia. p.85.
- Riedel, R. M. and C. C. Powell. 1974. Control of Aphelenchoides fragariae on Rieger begonia with oxamyl. Plant Dis. Repr. 58(10): 911-913.
- Roccia, Antonio O. and Luiz Gonzaga E. Lordello. 1974. Ensaio de controle quimico de nematoides em cultura de cana-de-acucar. Sociedade Brasileira De Nematologia. 1:74-80.
- Rodriguez-Kabana, R. P., A. Backman, and P. S. King. 1974. Effect of fungicide-nematicide combinations for control of soil-borne diseases in Alabama potato fields. (Abstract). J. Nematol. 6(4):p.150.
- Roman, J. Xiomara Rivas and J. Rodriguez. 1974. Chemical control of the nematodes of plantains. (Abstract). Nematropica 4(1):p.5.
- Romney, R. Kent, J. LaMar Anderson, and Gerald D. Griffin. 1974. Effects of DCPA on seedling infection by root-knot nematode. Weed Science 22(1):51-54.
- Sadykhov, D. M. and V. S. Treskova. 1972. Thiazon in the system with crop rotation controls root-knot nematodes. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 148-149.
- Sanchez, F., A. Comez Barcina, and J. Artero. 1974. Nematode control in strawberry nurseries. (Abstract). XII Simposio Internacional De Nematologia. 89-90.
- Schmitt, D. P., D. C. Norton, and P. Hinz. 1974. Control of Meloidogyne hapla on peony. Plant Dis. Repr. 58(9):860-864.
- Shamonin, M. G. 1973. Organization of measures on recovery and control of the potato cyst nematode in the USSR. (Abstract). Academy of Sciences of the Estonian SSR, Institute of Zoology and Botany, Ministry of Agric. All-Union-Lenin Academy Tartu. 3-5.
- Shiabova, T. N. and N. M. Sveshnikova. 1972. Oat cyst eelworm and its control in western Siberia. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 29-30.

Siniĭĭrv, K. J. and A. P. Ehamaa. 1973. System of control methods of potato cyst nematode. (Abstract). Academy of Sciences of the Estonian SSR. Inst. of Zoology and Botany, Ministry of Agric. All-Union Lenin Academy, Tartu. 17-19.

Skorik, V. P. 1973. Control of the potato cyst nematode in Kursk region. (Abstract). Academy of Sciences of the Estonian SSR. Inst. of Zoology and Botany, Ministry of Agric. All-Union Lenin Academy Tartu. 31-32.

Smith, P. C., J. H. Giliomee, and C. A. De Klerk. 1973. Response of established vineyards to nematode control with Dibromochloropropane. *Phytophylactia* 5:115-118.

Steele, A. E. and L. Hodges. 1974. The influence of Aldicarb in water solutions and in soil on survival and development of Heterodera schachtii. (Abstract). *Nematropica* 4(2):18-19.

Stokes, D. E. and R. L. King, Jr. 1972. Control of root-knot nematode in Sansevieria groundbeds. *Proceedings of the Florida State Horticultural Society*. 85:360-362.

Stokes, D. E., J. R. McFarlin, and A. L. Taylor. 1973. Root-knot nematode control in *Gerbera* daisy transplants. *Proceedings of the Florida State Horticultural Society, Miami*. 86:378-380.

Sudakova, I. M. and A. V. Stoyakov. 1972. Influence of soil treatment with nematicides on infection of cotton by Verticillium wilt. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 146-147.

Sukul, N. C., P. K. Das, G. C. De. 1974. Nematicidal action of some edible crops. *Nematologica* 20(2):187-191.

Sumner, Donald R. 1974. Interactions of herbicides and nematicides with root diseases of snapbean and southern pea. *Phytopathology* 64(10): 1353-1358.

Sveshnikova, N. M. 1972. Chemical control of plant-parasitic nematodes. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 150-151.

Tadzhibaev, T. 1972. Meloidogynosis of kenaf and its chemical control. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. p.147.

Tarjan, A. C. and J. H. O'Bannon. 1974. Postplant fumigation with DBCP for citrus nematode control in Florida. *J. Nematol.* 6(1):41-48.

- Thames, W. H. and C. M. Heald. 1974. Chemical and cultural control of Rotylenchulus reniformis on cotton. Plant Dis. Reptr. 58(4):337-341.
- Timmer, L. W. 1974. Suppression of populations of the citrus nematode, Tylenchulus semipenetrans, with foliar applications of oxamyl. Plant Dis. Reptr. 58(10):882-885.
- Turner, G. O., A. S. Greathead, and N. C. Welch. 1974. Control of annual weed seeds with soil fumigants containing 1,3-dichloropropenes. Down To Earth 29(4):25-28.
- Villardebó, A., R. Guerout, A. Pinon, and Ph. Melin. 1972. La lutte contre les nematodes du bananier synthese des etudes recentes avec les nematicides nemacur et mocap. Fruits 27(11):777-787.
- Vovlas, N. and F. Lambert. 1974. Studies on the systemic action of some chemicals in the control of root-knot nematode. (Abstract). XII Simposio Internacional De Nematologia. p.107.
- Whitehead, A. G., D. J. Tite, Janet E. Fraser, and Eileen M. French. 1974. Control of pea cyst-nematode, Heterodera gbettingiana, by small amounts of aldicarb, Du Pont 1410, Ciba-Geigy 10576 or Dowco 275 applied to the soil at planting time. Ann. appl. Biol. 78(3):331-335.
- Williams, C. and W. B. Birchfield. 1974. Controlling reniform nematodes in soybeans. La. Agric. 17(3):14-15.

MISCELLANEOUS CONTROL

- Cohn, E. and M. Mordechai. 1974. Experiments in suppressing citrus nematode populations by use of a marigold and a predacious nematode. Nematologia Mediterranea. II(1):43-53.
- Heald, C. M., R. M. Menges, and J. R. Wayland. 1974. Efficacy of ultra-high frequency (UHF) electromagnetic energy and soil fumigation on the control of the reniform nematode and common purslane among southern peas. Plant Dis. Reptr. 58(11):985-987.
- Ivanova, B. P. 1971. The role of sortings on the sanitation of potato tubers from the stem nematode. Proceedings of the All-Union Inst. of Helminthology named in honor K. I. Skryabin. 27-31.

METHODOLOGY

- Barham, Richard O., Donald H. Marx, and John L. Ruehle. 1974. Infection of ectomycorrhizal roots of shortleaf pine by nematodes and Phytophthora cinnamomi. Phytopathology 64(9):1260-1264.

Beibutov, T. L. 1972. Comparison of some methods of extraction of nematodes from the rhizosphere of the vine. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 205-206.

Bravo, M. Antonia C. 1973. Evaluation of the centrifugal flotation technique for the quantitative recovery of small nematodes. *Agronomia lusit* 34(4):283-291.

_____. 1973. A simple method of making sieves for the final separation of nematodes from soil debris. *Agronomia lusit* 34(4):293-297.

Brown, J. A. M. 1974. Test tube reproduction of Heterodera avenae on resistant and susceptible wheats. *Nematologica* 20(2):192-203.

Buecher, E. J., E. A. Yarwood, and E. L. Hansen. 1973. A screen to separate young larvae of Aphelenchus avenae from adults and eggs. *Nematologica* 19(4):565-566.

Cayrol, J. C. 1974. Action of Bacillus thuringiensis toxins of the mycophagus nematode Ditylenchus myceliophagus. XII Simposio Internacional De Nematologia. p.21.

Chapman, R. A. and M. J. Eason. 1974. Convenient storage of cysts of Heterodera trifolii. *J. Nematol.* 6(1):55-56.

Coolen, W. A. and C. J. D'Herde. 1974. Influence of the separation liquid used during the centrifugal flotation process, on the extraction of Longidoridae. XII Simposio Internacional De Nematologia. p.25.

Van Dam, P. Kleijburg, and Schoemaker. 1974. Automatization of the extraction of Heterodera cysts from dried soil samples. XII Simposio Internacional De Nematologia. 27-28.

Davies, K. A. 1973. A rapid method for assessing nematodes in roots. *Nematologica* 19(4):570-571.

Demeure, Yves and Caspar Netscher. 1973. Methode d'etsimation des populations de Meloidogyne dans le sol. Cahiers O.R.S.T.O.M. Serie Biologie. 21:85-90.

Drozdovskii, E. M. 1972. On possibilities for improvement of the method of thermotherapy. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 188-189.

Esser, R. P. 1973. Zut as a cover glass support for nematodes. *Nematologica* 19(4):566-567.

- Feldmesser, J., J. U. McGuire, Jr., and W. Friedman. 1974. Evaluation of nematode recovery rates in a soil-sampling model. (Abstract). J. Nematol. 6(4):139-140.
- Gladkova, R. M. 1973. Elimination of potato cyst nematode in field plots using a complex of various methods of control. (Abstract). Academy of Sciences of the Estonian SSR. Inst. of Zoology and Botany, Ministry of Agric. All-Union Lenin Academy, Tartu. 20-22.
- Heip, C. 1974. A rapid method to evaluate nematode density. Nematologica 20(2):266-268.
- Van Hoof, H. A. 1974. A simple test for soil infestation with tobacco rattle virus. (Abstract). XII Simposio Internacional De Nematologia. p.50.
- Hrzic, Aleksander. 1973. Extraction of nematodes from soil with whirling motion. Zastita Bilja, 'Godina. XXIV(122):53-60.
- Insera, R. N. and J. H. O'Bannon. 1974. Rearing migratory endoparasitic nematodes in citrus leaf callus tissue and root culture. (Abstract). J. Nematol. 6(4):143-144.
- Ivanova, B. P. 1972. On field and laboratory methods of testing of potato on resistance to potato tuber nematode. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 100-101.
- Jones, M. G. K. 1974. Stereoscan observations of walls of giant cells and syncytia induced by Meloidogyne and Heterodera. (Abstract). XII Simposio Internacional De Nematologia. p.52.
- Kruger, Frank and M. R. Samoiloff. 1974. A rapid method for separating larvae from a mixed population of Panagrellus redivivus. J. Nematol. 6(4):p.217.
- Kurt, L. A. 1972. On differentiation of living and dead specimens of plant nematodes. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 222-223.
- Lippens, P. L. and P. Grootaert. 1973. A routine method for mounting nematodes in resin with high refractive index. Nematologica 19(4): 562-563.
- Lucas, L. T., C. T. Blake, and K. R. Barker. 1974. Nematodes associated with bentgrass and bermudagrass golf greens in North Carolina. Plant Dis. Reptr. 58(9):822-824.

- Mattews, Bernard E. and Neil A. Croll. 1974. Comparative stereoscan electron micrographs of nematode heads. *J. Nematol.* 6(3):131-134.
- Matveeva, M. A. and T. N. Yakubovich. 1972. Methods for extraction of cysts of the potato cyst eelworm from soil samples. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 91-92.
- Matveeva, M. A., T. N. Yakubovich, and S. P. Popova. 1973. On methods of recovery of the potato cyst nematode in the USSR. (Abstract). Academy of Sciences of the Estonian SSR, Inst. of Zoology and Botany, Ministry of Agric. All-Union Lening Academy Tartu. 11-12.
- Metlitskii, O. Z., and N. R. Khatsova. 1972. Factors influencing emergence of nematodes from plant tissues in Baermann funnels. (Abstract). All-Union Skryabin Inst. of Agric. Sciences. All-Union Skryabin Inst. of Agric. 207-208.
- Nickle, W. R. and Ch. H. Høgger. 1974. Scanning electron microscopy of the mosquito parasite, Reesimermis nielsenii. (Nematoda:Mermithidae). *Proc. Helm. Soc. Wash.* 41(2):173-177.
- Rosner, J. and J. Porstendorfer. 1973. Scanning electron microscope analysis of the surface of normal turgid and shrunken dessicated plant-parasitic nematodes. *Nematologica* 19(4):468-476.
- Skorik, V. P. 1973. On extracting of nematode cyst from soil samples. (Abstract). Academy of Sciences of the Estonian SSR. Inst. of Zoology and Botany, Ministry of Agric. All-Union Lenin Academy, Tartu. 13-14.
- Tarakanov, V. I. 1971. The sterilization of plant nematodes and in particular of Ditylenchus destructor. Proceedings of the All-Union Inst. of Helminthology named in honor of K. I. Skryabin. 85-91.
- Taylor, A. L. 1973. Disposal of nematode-infested soil and plant debris from a Nematology laboratory. *Soil and Crop Science Society of Florida*. 33:97-100.
- Taylor, D. P. and C. Netscher. 1974. An improved technique for preparing perineal patterns of Meloidogyne spp. *Nematologica* 20(2):268-269.

MISCELLANEOUS

(Compilations, Reports, Surveys, Distribution, etc.)

- Altherr, Edmond. 1972. Les nematodes des filtres a charbon. *J. Soc. Vaud. Sc. Nat.* 71(342):447-450.

- Arias, Maria. 1974. Distribution and frequency of the species of Xiphinema in Spanish soils. XII Simposio Internacional De Nematologica. p.9.
- Blackwelder, R. E. 1967. Taxonomy: A text and reference book. John Wiley & Sons, Inc. 68 pages.
- Cantwell, George E. 1974. Insect Diseases. Insect Diseases II:301-595.
- Cohn, E., S. A. Sher, A. H. Bell, and G. Minz. 1973. Soil nematodes occurring in Israel. Agricultural Research Organization, The Volcani Center, Bet Dagan, Israel. 22:1-12.
- Eglitis, V. K. 1972. Losses caused by plant nematodes. (Abstract). All-Union Lening Academy of Agriculture Sciences. All-Union Skryabin Inst. of Agric. 15-16
- Foster, Adriance S. 1974. Practical plant anatomy. Robert E. Krieger Publishing Co., Huntington, New York. 228 pages.
- Gerlach, Sebastian and Franz Riemann. 1974. The bremerhaven checklist of aquatic nematodes. Veröffentlichungen des Instituts für Meeresforschung in Bremerhaven. 4(2):405-734.
- Gotoh, Akira. 1974. Geographic distribution of Pratylenchus spp. (Nematoda:Tylenchida) in Japan. The Bulletin of the Kyushu Agricultural Experiment Station. XVII:139-224.
- Hayat, M. A. 1974. Electron microscopy of enzymes. Principles and methods. Van Nostrand Reinhold Co. 1.
- Kasimova, G. A. 1972. Plant-parasitic nematodes in Azerbaïdzhan. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 144-145.
- Kirjanova, E. S., M. G. Kalinichenko, and N. M. Ladygina. 1972. The nematode Anguina agrostis in the Ukrainian SSR. (Abstract). All-Union Lening Academy of Agric. Sciences. All-Union Skryabin Inst. of Agric. 42-43.
- Kirjanova, E. S. and E. L. Krall. 1973. Obituary - Benjamin G. Chitwood (1906-1972). Parazitologiya 7(5):p.479.
- Leon, J. 1974. Handbook of plant introduction in tropical crops. FAO of the United Nations, Rome. 93:140 pages.
- Maxwell, Fowden G. and F. A. Harris (edited by). 1974. Proceedings of the summer institute on biological control of plant insects and diseases. University Press of Mississippi, Jackson. 647 pages.

- Motsinger, Ralph E., Johnny L. Crawford, and Samuel S. Thompson. 1974. Survey of cotton and soybean fields for lance nematodes in east Georgia. Plant Dis. Repr. 58(4):369-373.
- Ngundo, B. W. and D. P. Taylor. 1973. The burrowing nematode, Radopholus similis from Tanzania and Kenya. East African Agricultural and Forestry Journal XXXVIII(4):405-406.
- Rosen, Robert and Fred M. Snell. 1972. Progress in theoretical biology. Academic Press, New York and London. 350 pages.
- Sturhan, Dieter. 1973. Ergebnisse der forschungsreise auf die Azoren 1969. Internationales Forschungsprojekt makaronesischer Raum II. Zur Nematodenfauna der Azoren. Boletim Do Museu Municipal Do Funchal. XXVII (116):18-25.
- Sturhan, Dieter. 1973. Leaf and stem nematodes in the Azores, Madeira and the Canary Islands. Agronomia lusit. 35(1):21-26.
- Tucker, M. C. 1973. Soybean cyst nematode, uniform quarantine procedures Minutes Annu. Meet. Natl. Plant. Board 1973, 47th:p.70.
- Webley, D. 1974. An early record of Heterodera humuli Filipjev in the United States. Nematologica 20(2):p.262.